

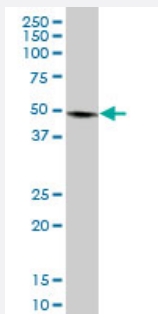
MaxPab®

## PLIN3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010226-B01P

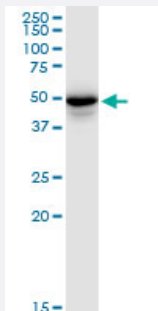
Size 50 ug

### Applications



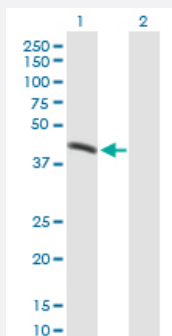
#### Western Blot (Tissue lysate)

PLIN3 MaxPab polyclonal antibody. Western Blot analysis of PLIN3 expression in human pancreas.



#### Western Blot (Cell lysate)

PLIN3 MaxPab polyclonal antibody. Western Blot analysis of PLIN3 expression in HeLa.



#### Western Blot (Transfected lysate)

Western Blot analysis of PLIN3 expression in transfected 293T cell line ([H00010226-T02](#)) by PLIN3 MaxPab polyclonal antibody.

Lane 1: PLIN3 transfected lysate(47.74 KDa).

Lane 2: Non-transfected lysate.

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human PLIN3 protein.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen               | PLIN3 (NP_005808.2, 1 a.a. ~ 434 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence                | MSADGAEADGSTQVTVEEPVQQPSVVDRVASMPLISSTCDMVSAAYASTKESYPHIKTVCDAAE<br>KGVRTLTAAAVSGAQPILSKLEPQIASASEYAHRLDKLEENLPILQQPTEKVLADTKELVSSKVS<br>GAQEMVSSAKDTVATQLSEAVDATRGAVQSGVDKTKSVVTGGVQSVMGSRGQMVLSGVDTV<br>LGKSEEWADNHLPLTDAELARIATSLDGFVDVASVQQQRQEYSYFVRLGSLSERLRQHAYEHS LG<br>KLRATKQRAQEALLQLSQALSLMETVKQGVDQKLVEGQEKLHQMWLSWNQKQLQGPEKEPPK<br>PEQVESRALTMFRDIAQQLQATCTSLGSSIQGLPTNVKDQVQQARRQVEDLQATFSSIHSFQDLS<br>SSILAQSRERVASAREALDHMVEYVAQNTPVTWLVGPFAPGITEKAPEEKK |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                   |

## Applications

- Western Blot (Tissue lysate)

PLIN3 MaxPab polyclonal antibody. Western Blot analysis of PLIN3 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

PLIN3 MaxPab polyclonal antibody. Western Blot analysis of PLIN3 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PLIN3 expression in transfected 293T cell line ([H00010226-T02](#)) by PLIN3 MaxPab polyclonal antibody.

Lane 1: PLIN3 transfected lysate(47.74 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — PLIN3

Entrez GeneID [10226](#)

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">NM_005817.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | <a href="#">NP_005808.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name           | PLIN3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | MGC11117, MGC2012, PP17, TIP47, M6PRBP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Description    | mannose-6-phosphate receptor binding protein 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Omim ID             | <a href="#">602702</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Summary        | <p>Mannose 6-phosphate receptors (MPRs) deliver lysosomal hydrolase from the Golgi to endosome s and then return to the Golgi complex. The protein encoded by this gene interacts with the cytoplasmic domains of both cation-independent and cation-dependent MPRs, and is required for endosome-to-Golgi transport. This protein also binds directly to the GTPase RAB9 (RAB9A), a member of the RAS oncogene family. The interaction with RAB9 has been shown to increase the affinity of this protein for its cargo. Multiple transcript variants encoding different isoforms have been found for this gene</p> |
| Other Designations  | MPR-BINDING PROTEIN, 47-KD MPR-binding protein 47 kDa cargo selection protein (mannose 6 phosphate receptor binding protein) cargo selection protein TIP47 mannose 6 phosphate receptor binding protein 1 placental protein 17 tail-interacting protein, 47 kD                                                                                                                                                                                                                                                                                                                                                      |