

DNAxPAb

Hard-to-Find  
Antibody

# PLIN3 DNAxPab

Catalog # H00010226-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PLIN3 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — PLIN3

Entrez GeneID	<a href="#">10226</a>
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