

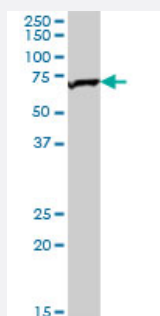
MaxPab®

TOMM70A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009868-B01P

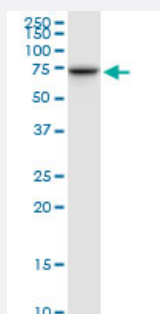
Size 50 ug

Applications



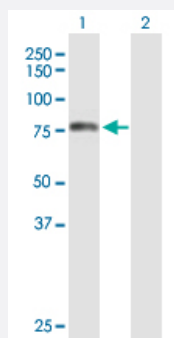
Western Blot (Tissue lysate)

TOMM70A MaxPab polyclonal antibody. Western Blot analysis of TOMM70A expression in human liver.



Western Blot (Cell lysate)

TOMM70A MaxPab polyclonal antibody. Western Blot analysis of TOMM70A expression in HepG2.

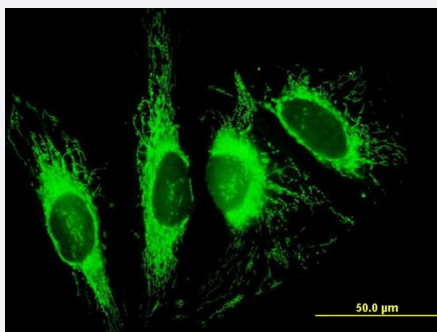


Western Blot (Transfected lysate)

Western Blot analysis of TOMM70A expression in transfected 293T cell line by TOMM70A MaxPab polyclonal antibody.

Lane 1: TOMM70A transfected lysate(66.88 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TOMM70A on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human TOMM70A protein.
Immunogen	TOMM70A (NP_055635, 1 a.a. ~ 608 a.a) full-length human protein.
Sequence	MAASKPVEAAVVAAAVPSSGSGVGGGGTAGPGTGGLPRWQLALAVGAPLLL GAGAYLWSRQQ RRREARGRGDASGLKRNSERKTPEGRASPAPGSGHPEGPGAHLDMNSLDRAQAAKNKGNYF KAGKYEQAQCYTEAISLCPTENVDLSTFYQNRAAAFEQLQKWKEVAQDCTKAVELNPKYVKAL FRRAKAHEKLDNKKECLEDVTAVCILEGFQNNQSMMLADKVLKLLGKEKAKEYKNREPLMPSP QFIKSYFSSFTDDIISQPMKGEKSDDEDKDKEGEALEVKENSGYLKAKQYMEEENYDKIIECSKEI DAEGKYMAEALLLRATFYLLIGNANAAKPDLDKVISLKEANVKLRANALIKRGSMMYMQQQPLLST QDFNMAADIDPQNADVYHHRGQLKILLDQVEEAVADFDECIRLRPESALAAQKCFALYRQAYTG NNSSQIQAAAMKGFEEVIKFPFCAEGYALYAQALTDQQQFGKADEMYDKCIDLEPDNATTYVHKG LLQLQWKQDLDRGLELISKAIEIDNKCDFAYETMGTIEVQRGNMEKAIDMFNKAINLAKSEMEMAHL YSLCDAHAHQTEVAKKYGLKPPTL
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)

TOMM70A MaxPab polyclonal antibody. Western Blot analysis of TOMM70A expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

TOMM70A MaxPab polyclonal antibody. Western Blot analysis of TOMM70A expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TOMM70A expression in transfected 293T cell line by TOMM70A MaxPab polyclonal antibody.

Lane 1: TOMM70A transfected lysate(66.88 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TOMM70A on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TOMM70A

Entrez GeneID [9868](#)

GeneBank Accession# [NM_014820](#)

Protein Accession# [NP_055635](#)

Gene Name TOMM70A

Gene Alias FLJ90470

Gene Description translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae)

Omim ID [606081](#)

Gene Ontology [Hyperlink](#)

Gene Summary The translocase of outer mitochondrial membrane (TOM) complex is a multisubunit complex involved in the recognition, unfolding, and translocation of preproteins into the mitochondria. See TIM17 A (MIM 605057).[supplied by OMIM]

Other Designations translocase of outer mitochondrial membrane 70 homolog A

Publication Reference

- [Optineurin tunes outside-in signaling to regulate lysosome biogenesis and phagocytic clearance in the retina.](#)

Li Xuan Tan, Colin J Germer, Thushara Thamban, Nilsa La Cunza, Aparna Lakkaraju.

Current Biology : CB 2023 Sep; 33(18):3805.

Application: IF, Mouse, Mouse RPE

- [TOM70 Sustains Cell Bioenergetics by Promoting IP3R3-Mediated ER to Mitochondria Ca²⁺ Transfer.](#)

Filadi R, Leal NS, Schreiner B, Rossi A, Dentoni G, Pinho CM, Wiehager B, Cieri D, Cali T, Pizzo P, Ankarcrona M.

Current Biology : CB 2018 Feb; 28(3):369.

Application: WB, Human, Mouse , HEK 293 cells, MEFs, Mouse brain

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)