

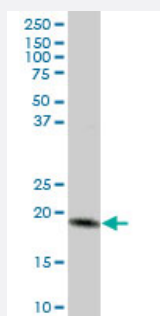
MaxPab®

MTP18 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051537-B01P

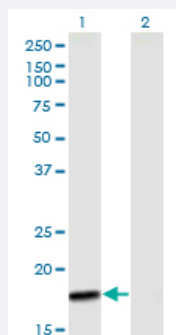
Size 50 ug

Applications



Western Blot (Tissue lysate)

MTP18 MaxPab polyclonal antibody. Western Blot analysis of MTP18 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of MTP18 expression in transfected 293T cell line ([H00051537-T01](#)) by MTP18 MaxPab polyclonal antibody.

Lane 1: MTP18 transfected lysate(18.26 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MTP18 protein.

Immunogen

MTP18 (NP_057582.2, 1 a.a. ~ 166 a.a) full-length human protein.

Sequence

MSEPQPRGAERDL YRDTWVRYLGYANEVGEAFRSLVPAAVVWLSYGVASSYVLADAIDKGKKA
GEVPSPEAGRSARVTVAVVDTFVWQALASVAIPGFTINRVCAASLYVLGTATRWPLAVRKWTTTA
LGLLTIPIIHPIDRSVDFLDSSLRKL YPTVGKPSSS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (87); Rat (87)
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)

MTP18 MaxPab polyclonal antibody. Western Blot analysis of MTP18 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MTP18 expression in transfected 293T cell line ([H00051537-T01](#)) by MTP18 MaxPab polyclonal antibody.

Lane 1: MTP18 transfected lysate(18.26 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — MTP18

Entrez GeneID	51537
GeneBank Accession#	NM_016498
Protein Accession#	NP_057582.2
Gene Name	MTP18
Gene Alias	HSPC242
Gene Description	mitochondrial protein 18 kDa
Omim ID	610235
Gene Ontology	Hyperlink
Gene Summary	MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase (see PIK3CA, MIM 171834) signaling pathway that plays a role in cell viability and mitochondrial dynamics (Tondera et al., 2004 [PubMed 15155745]).[supplied by OMIM]

Other Designations

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Disease

- [Atherosclerosis](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Werner syndrome](#)