

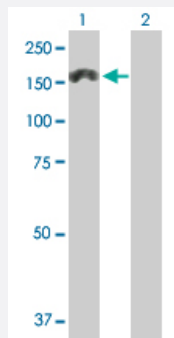
MaxPab®

MTMR3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008897-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MTMR3 expression in transfected 293T cell line ([H00008897-T01](#)) by MTMR3 MaxPab polyclonal antibody.

Lane 1: MTMR3 transfected lysate(131.78 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MTMR3 protein.

Immunogen

MTMR3 (NP_066576.1, 1 a.a. ~ 1198 a.a) full-length human protein.

Sequence	MDEETRHSLECIQANQIFPRKQLIREDENLQVPFLELHGESTEFVGRAEDAIALSNYRLHIKFKESL VNVPLQLIESVECRDIFQLHLTCKDCKVIRCQFSTFEQCQEWLKRLNNAIRPPAKIEDLFSFAYHA WCMEVYASEKEQHGDLCRPGEHVTSRFKNEVERMGFDMNNAWRISNINEKYKLCGSYPQELIVP AWITDKELESVSSFRSWKRIPAVIYRHQSNGAVIARCGQPEVSWWGWRNADDEHLVQSVAKAC ASDSRSSGSKLSTRNTSRDFPNGGDLSDVEFDSSLSNASGAESLAIQPQKLLILDARSYAAAVAN RAKGGGCECEPEYYPNCEVVFVMGMANIHSIRRSFQSLRLLCTQMPDPGNWLSALESTKWLHHLV LLKSALLVVHAVDQDQRPVLVHCSDGWDRTQPVALAKLLLDPPYRTIEGFQVLVEMEWLDFGHK FADRCGHGENSDDLNERCPVFLQWLDCVHQLQRQFPCSFNEAFLVKLVQHTYSCLFGTFLC NNAKERGEKHTQERTCSVWSLLRAGNKAFKNLLYSSQSEAVLYPVCHVRNMLWSAVYLP PTTPVDDSCAPYPAPGTSPDDPPLSRPKTRSYDNLTTACDNTVPLASRRCDPSLNEKWQEHR RSLELSSLAGPGEDPLSADSLGKPTRVPGGAELSVAAGVAEGQMENILQEATKEESGVEEPAHR AGIEIQEGKEDPILLEKESRRKTPEASAIGLHQDPELGDAALRSHLDMSWPLFSQGISQSGLSV LLSSLQVPPRGEDSLEVPVEQFRIEEIAEGREEAVLPIPVDAKVGYGTSQSCSLLPSQVPFETRGP NVDSSDMLVEDKVKS VSGPQGHHRSCLVNSGKDRLPQTMEPSPSETSLVERPQVGSVVHRT SLGSTLSLTRSPCALPLAECKEGLVCNGAPETENRASEQPPGLSTLQMYPTPNGHCHANGEAGRS KDSLRSQLSAMSCSSAHLHSRNLHKKWLHSHSGRPSATSSPDQPSRSHLDDGMSVYTDTIQQ RLRQIESGHQQEVETLKKQVQELKSRLESQYL TSSLHFNGDFGDEVTSIPDSESNLDAQNCLSRCS TEIFSEASWEQVDKQDTEMTRWLPDHLAAHCYACDSAFWLASRKHHCRNCGNVFCSSCCNQK VPVPSQQLFEPSRVCKSCYSSLHPTSSSIDLELDKPIAATSN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (86)
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.

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[Protocol Download](#)

Gene Info — MTMR3

Entrez GeneID [8897](#)

GeneBank Accession#	NM_021090.2
Protein Accession#	NP_066576.1
Gene Name	MTMR3
Gene Alias	FLJ32333, FYVE-DSP1, KIAA0371, ZFYVE10
Gene Description	myotubularin related protein 3
Omim ID	603558
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the myotubularin dual specificity protein phosphatase gene family. The encoded protein is structurally similar to myotubularin but in addition contains a FYVE domain and an N-terminal PH-GRAM domain. The protein can self-associate and also form heteromers with another myotubularin related protein. The protein binds to phosphoinositide lipids through the PH-GRAM domain, and can hydrolyze phosphatidylinositol(3)-phosphate and phosphatidylinositol(3,5)-biphosphate in vitro. The encoded protein has been observed to have a perinuclear, possibly membrane-bound, distribution in cells, but it has also been found free in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	FYVE (Fab1 YGLO23 Vsp27 EEA1 domain) dual-specificity protein phosphatase myotubularin-related protein 3 zinc finger, FYVE domain containing 10

Disease

- [Colorectal Neoplasms](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)