

DNAxPAb

Hard-to-Find
Antibody

MTMR3 DNAxPab

Catalog # H00008897-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MTMR3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDEETRHSLECIQANQIFPRKQLIREDENLQVPFLELHGESTEFGRAEDAIALSNYRLHIKFKESL VNVPLQLIESVECRDIFQLHLTKDCKVIRCQFSTFEQCQEWLKRLNNAIRPPAKIEDLFSFAYHA WCMEVYASEKEQHGDLCRPGEHVTSRFRKNEVERMGFDMNNAWRISNINEKYKLCGSYPQELV AWITDKELESVSSFRSWKRIPAVIYRHQSNGAVIARCGQPEVSWWGWRNADDEHLVQSVAKAC ASDSRSSGSKLSTRNTSRDFPNGGDLSDVEFDSSLSNASGAESLAIQPQKLLILDARSYAAAVAN RAKGGGCECEPEYYPNCEVFMGMANIHSIRRSFQSLRLLCTQMPDPGNWLSALESTKWLHHLSV LLKSALLVVHAVDQDQRPVLVHCSDGWDRTQPVALAKLLLDPPYRTIEGFQVLVEMEWLDFGHK FADRCGHGENSDDLNERCPVFLQWLD CVHQLQRQFPCSF EFNEAFLVKLVQHTYSCLFGTFLC NNAKERGEKHTQERTCSVWSLLRAGNKAFKNLLYSSSQSEAVLYPVCHVRNMLWSAVYLP PTTPVDDSCAPYPAPGTSPDDPPLSRPKTRSYDNLTTACDNTVPLASRRCS DPSLNEKWQEHR RSLELSSLAGPGEDPLSADSLGKPTRVPGGAELSVAAGVAEGQ MENILQEATKEESGVEEPAHR AGIEIQEGKEDP LLEKESRRKTPEASAIGLHQDPELGDAALRSHLDM SWPLFSQGISEQQSGLSV LLSSLQVPPRGEDSLEVPVEQFRIEEIAEGREEAVLPIPVDAKVG YGTSQSCSLLPSQVPFETRGP NVDSSDMLVEDKVKS VSGPQGHHR SCLVNSGKDRLPQTMEPSPSETSLVERPQVGSVVHRT SLGSTLSLTRSPCALPLAECKEGLVCNGAPETENRASEQPPGLSTLQMYTPNGHCANGEAGRS KDSLRSRQLSAMSCSSAHLHSRNLHHKWLHSHSGRPSATSSPDQPSRSHLDDDGMSVYTDTIQQ RLRQIESGHQQEVETLKKQVQELKSRLESQYL TSSLHFNGDFGDEVTSIPDSESNLDQNCLSRCS TEIFSEASWEQVDKQDTEMTRWLPDHLAAHCYACDSAFWLASRKHHCRNCGNVFCSSCCNQK VPVPSQQLFEPSRVCKSCYSSLHPTSSSIDLELDKPIATSN
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 — 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](#)