

Rabbit anti-Human MTMR3 Polyclonal Antibody | anti-MTMR3 antibody

MTMR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243433	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

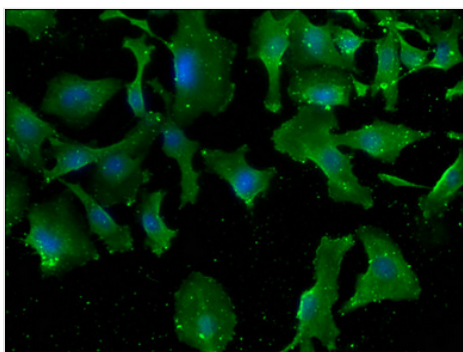
PRODUCT SYNONYMS

MTMR3; Polyclonal Antibody; MTMR3 Antibody; Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Phosphatidylinositol-3;5-bisphosphate 3-phosphatase) (EC 3.1.3.95) (Phosphatidylinositol-3-phosphate phosphatase) (EC 3.1.3.64) (Zinc finger FYVE domain-containing protein 10); KIAA0371 ZFYVE10; anti-MTMR3 antibody

PRODUCT SPECIFICATIONS

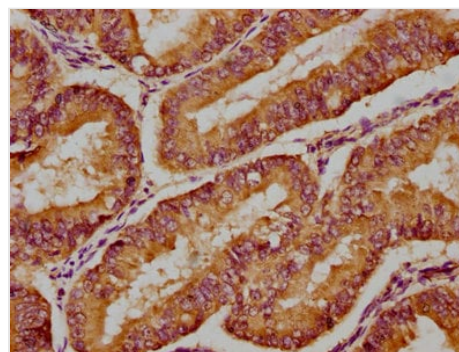
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-MTMR3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Myotubularin-related protein 3 protein (652-899AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of U251 cells with AAA243433 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA243433 diluted at 1:300 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MTMR3 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23510389
NCBI GeneID	8897
NCBI Accession #	NP_694691.1
NCBI GenBank Nucleotide #	NM_153051.2
UniProt Accession #	Q13615; Q9NYN5; Q9NYN6; Q9UDX6; Q9UEG3; A5PL26; A7MD32
Molecular Weight	133,619 Da
NCBI Official Full Name	myotubularin-related protein 3 isoform b
NCBI Official Synonym Full Names	myotubularin related protein 3
NCBI Official Symbol	MTMR3
NCBI Official Synonym Symbols	ZFYVE10; FYVE-DSP1
NCBI Protein Information	myotubularin-related protein 3; zinc finger, FYVE domain containing 10; zinc finger FYVE domain-containing protein 10; FYVE domain-containing dual specificity protein phosphatase 1; FYVE (Fab1 YGLO23 Vsp27 EEA1 domain) dual-specificity protein phosphatase
UniProt Protein Name	Myotubularin-related protein 3
UniProt Gene Name	MTMR3
UniProt Synonym Gene Names	KIAA0371; ZFYVE10; FYVE-DSP1
UniProt Entry Name	MTMR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mtmr3-antibody-immunofluorescence-immunohistochemistry-elisa/243433>