MTMR1 polyclonal antibody

Catalog # PAB6075 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of MTMR1.
Immunogen	A synthetic peptide corresponding to human MTMR1.
Sequence	C-SSPSHSATSVHTSV
Host	Goat
Theoretical MW (kDa)	74.7
Specificity	This antibody will only recognize human isoform 1 (NP_0.03819.1), not isoform 2 (NP_789746).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MTMR1

Entrez GeneID	8776
Protein Accession#	NP_0.03819.1
Gene Name	MTMR1
Gene Alias	-
Gene Description	myotubularin related protein 1
Omim ID	300171
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the myotubularin related family of proteins. Members of this famil y contain the consensus sequence for the active site of protein tyrosine phosphatases. Alternativel y spliced variants have been described but their biological validity has not been determined. [prov ided by RefSeq
Other Designations	OTTHUMP00000025864|myotubularin-related protein 1

Publication Reference

- A gene mutated in X-linked myotubular myopathy defines a new putative tyrosine phosphatase family conserved in yeast.

  Laporte J, Hu LJ, Kretz C, Mandel JL, Kioschis P, Coy JF, Klauck SM, Poustka A, Dahl N.

  Nature Genetics 1996 Jun; 13(2):175.

Pathway

- Fructose and mannose metabolism
- Metabolic pathways
- Riboflavin metabolism
- Thiamine metabolism