



Anti-MTMR12 (aa 648-747) polyclonal antibody (DPAB-DC2337)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Phosphatidylinositide 3-kinase-derived membrane-anchored phosphatidylinositides, such as phosphatidylinositol 3-phosphate (PtdIns(3)P), regulate diverse cellular processes. The protein encoded by this gene functions as an adaptor subunit in a complex with an active PtdIns(3)P 3-phosphatase. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Immunogen	MTMR12 (NP_061934, 648 a.a. ~ 747 a.a) partial recombinant protein with GST tag. The sequence is PEAQILGGGQVATLSKLEMMEVQSLQEKIDERHHSQQAPQAEAPCLLRNSARLSSLFP FALLQRHSSKPVLPTSGWKALGDEDLAKREDEFVDLGDV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MTMR12 myotubularin related protein 12 [Homo sapiens (human)]
Official Symbol	MTMR12
Synonyms	MTMR12; myotubularin related protein 12; 3-PAP; PIP3AP; myotubularin-related protein 12; 3-phosphatase adapter protein; 3-phosphatase adapter subunit; phosphatidylinositol-3-phosphate associated protein; phosphatidylinositol 3 phosphate 3-phosphatase adapter subunit; phosphatidylinositol-3 phosphate 3-phosphatase adapter subunit; phosphatidylinositol-3 phosphate 3-phosphatase adaptor subunit;
Entrez Gene ID	54545
Protein Refseq	NP_001035536
UniProt ID	Q9C0I1
Chromosome Location	5p13.3
Function	phosphatase activity; protein binding;
