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Datasheet for ABIN2786613
anti-MTMR12 antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	MTMR12
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MTMR12
Sequence:	PLYVEKPKLD KGQRKGMRFK HQRQLSLPLT QSKSSPKRGF FRETDHLIK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MTMR12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MTMR12
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Target Details

Alternative Name:	MTMR12 (MTMR12 Products)
Background:	MTMR12 inactivates phosphatase that plays a role as an adapter for the phosphatase myotubularin to regulate myotubularin intracellular location. Alias Symbols: 3-PAP, PIP3AP Protein Interaction Partner: YWHAB, UBC, MTM1, Protein Size: 747
Molecular Weight:	86 kDa
Gene ID:	54545
NCBI Accession:	NM_001040446 , NP_001035536
UniProt:	Q9C011

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 747 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-MTMR12 Antibody

Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: COL0205 cell lysate