

Datasheet for ABIN2790821
anti-MTMR7 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MTMR7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MTMR7
Sequence:	NLKSSDPDLS ANSDQESGVE DLSCRSPSGG EHAPSEDSGK DRDSDEAVFL
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MTMR7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MTMR7
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Target Details

Alternative Name:	MTMR7 (MTMR7 Products)
Background:	<p>This gene encodes a member of the myotubularin family of tyrosine/dual-specificity phosphatases. The encoded protein is characterized by four distinct domains that are conserved among all members of the myotubularin family: the glucosyltransferase, Rab-like GTPase activator and myotubularins domain, the Rac-induced recruitment domain, the protein tyrosine phosphatases and dual-specificity phosphatases domain and the suppressor of variegation 3-9, enhancer-of-zeste, and trithorax interaction domain. This protein dephosphorylates the target substrates phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate. A pseudogene of this gene is found on chromosome 5.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: MTMR9, MTMR7,</p> <p>Protein Size: 660</p>
Molecular Weight:	73 kDa
Gene ID:	9108
NCBI Accession:	NM_004686 , NP_004677
UniProt:	Q9Y216
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 660 AA
Restrictions:	For Research Use only

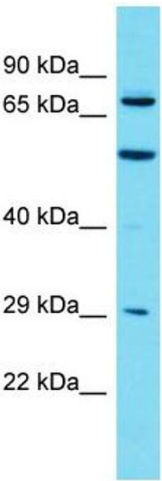
Handling

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

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.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: MTMR7 Sample Type: HT1080 Whole Cell lysates Antibody Dilution: 1.0ug/ml