

Datasheet for ABIN2787315

anti-MTMR14 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	MTMR14
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit, Cow, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR14 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MTMR14
Sequence:	NFLKHITSEE FSALKTQRRK SLPARDGGFT LEDICMLRRK DRGSTTSLGS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MTMR14. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MTMR14
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Target Details

Alternative Name:	MTMR14 (MTMR14 Products)
Background:	This gene encodes a myotubularin-related protein. The encoded protein is a phosphoinositide phosphatase that specifically dephosphorylates phosphatidylinositol 3,5-biphosphate and phosphatidylinositol 3-phosphate. Mutations in this gene are correlated with autosomal dominant centronuclear myopathy. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 18. Alias Symbols: C3orf29, FLJ22405, FLJ90311, hEDTP Protein Interaction Partner: TP53BP2, APP, UBC, Protein Size: 650
Molecular Weight:	72 kDa
Gene ID:	64419
NCBI Accession:	NM_001077525 , NP_001070993
UniProt:	Q8NCE2
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 650 AA
Restrictions:	For Research Use only

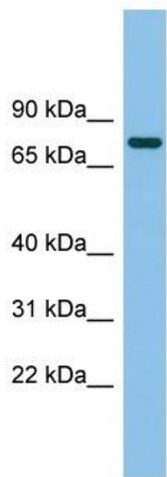
Handling

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.

Handling

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. WB Suggested Anti-MTMR14 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart