

Datasheet for ABIN2789053
anti-MTMR6 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	MTMR6
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Guinea Pig, Horse, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	KDLESKIKQR KNKQTDGILT KELLHSVHPE SPNLKTSLCF KEQTLLPVND
Predicted Reactivity:	Dog: 93%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Rabbit: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against MTMR6. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MTMR6
Alternative Name:	MTMR6 (MTMR6 Products)
Background:	MTMR6 phosphatase that acts on lipids with a phosphoinositol headgroup. It acts as a negative regulator of KCNN4/KCa3.1 channel activity in CD4+ T-cells possibly by decreasing

Target Details

intracellular levels of phosphatidylinositol-3 phosphatase. It negatively regulates proliferation of reactivated CD4+ T-cells.

Alias Symbols: -

Protein Interaction Partner: MTMR9, AMOTL2, MTUS2, NMI, TRIM27, UBC, RARG, UBD, ELAVL1,

Protein Size: 621

Molecular Weight: 68 kDa

Gene ID: 9107

NCBI Accession: [NM_004685](#), [NP_004676](#)

UniProt: [Q9Y217](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 621 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.



Rabbit Anti-MTMR6 Antibody
Catalog Number: ARP62181
Lot Number: QC32917
Lane: NCI-H226 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.