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Datasheet for ABIN2856565
anti-MTMR9 antibody (C-Term)

3 Images

Overview

Quantity:	100 µL
Target:	MTMR9
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human MTMR9. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to MTMR9 (myotubularin related protein 9) MTMR9 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MTMR9
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Target Details

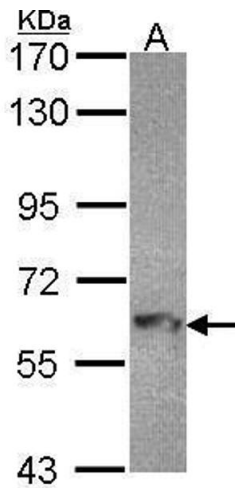
Alternative Name:	myotubularin related protein 9 (MTMR9 Products)
Background:	<p>This gene encodes a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate.</p> <p>Cellular Localization: Cytoplasm</p>
Molecular Weight:	63 kDa
Gene ID:	66036
UniProt:	Q96QG7

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2
Restrictions:	For Research Use only

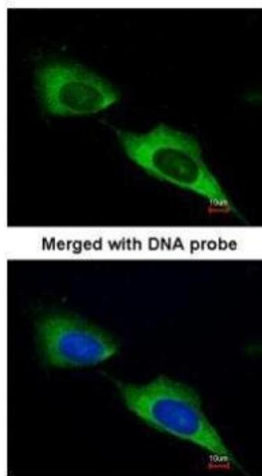
Handling

Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



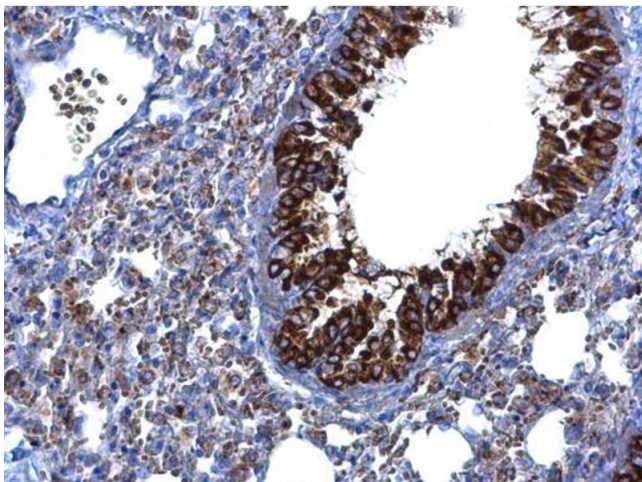
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 7.5% SDS PAGE MTMR9 antibody antibody diluted at 1:1000



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MTMR9, antibody at 1:200 dilution.



Immunohistochemistry

Image 3. IHC-P Image MTMR9 antibody [C3], C-term detects MTMR9 protein at cytoplasm on mouse lung by immunohistochemical analysis. Sample: Paraffin-embedded mouse lung. MTMR9 antibody [C3], C-term , diluted at 1:500.