

Datasheet for ABIN7160643
anti-MTMR2 antibody (AA 1-173)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	MTMR2
Binding Specificity:	AA 1-173
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTMR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Myotubularin-related protein 2 protein (1-173AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MTMR2
Alternative Name:	MTMR2 (MTMR2 Products)
Background:	Background: Phosphatase that acts on lipids with a phosphoinositol headgroup. Has phosphatase activity towards phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-

Target Details

bisphosphate.

Aliases: CMT4B antibody, CMT4B1 antibody, KIAA1073 antibody, MTMR2 antibody, MTMR2_HUMAN antibody, Myotubularin related protein 2 antibody, Myotubularin-related protein 2 antibody, OTTHUMP00000204445 antibody, OTTHUMP00000204446 antibody, OTTHUMP00000204447 antibody, OTTHUMP00000204448 antibody, Phosphatidylinositol 3 phosphate phosphatase antibody, Phosphatidylinositol 3,5 bisphosphate 3 phosphatase antibody

UniProt: [Q13614](#)

Pathways: [Inositol Metabolic Process](#), [Synaptic Membrane](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:300-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

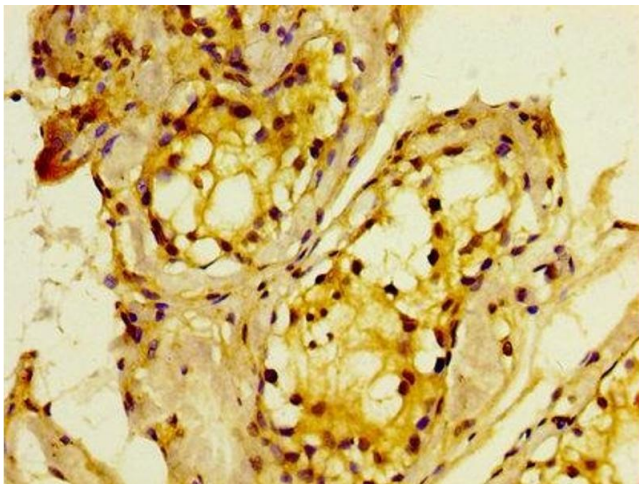
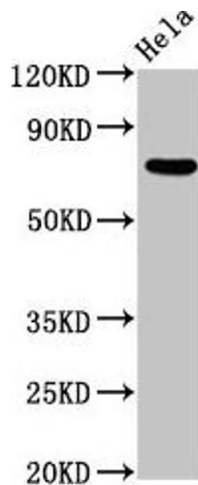
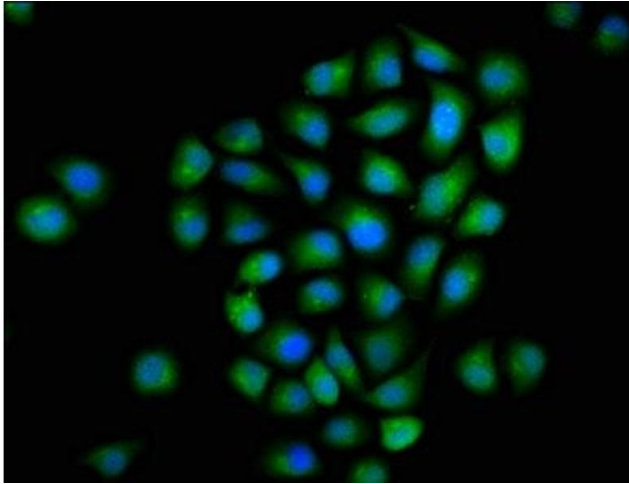
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7160643 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate All lanes: MTMR2 antibody at 5.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 74, 66 kDa Observed band size: 74 kDa

Immunohistochemistry

Image 3. IHC image of ABIN7160643 diluted at 1:400 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.