

## MTMR14

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**72kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human MTMR14

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

C3orf29;

**Catalog #:**A7480

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**64419

**Isotype:**IgG

**Swiss Prot:**Q8NCE2

**Purity:**Affinity purification

For research use only.

**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.

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