

Anti-MTMR3 Polyclonal Antibody

Cat: AC51028

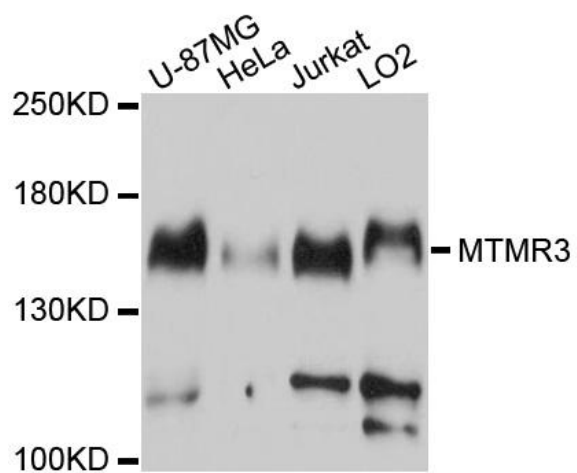
Summary:

- 【Product name】** : Anti-MTMR3 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human
【Swiss Prot】 : Q13615 **【Gene ID】** : 8897
【Calculated】 : MW:134kDa **【Observed】** : MW:150kDa
【Purification】 : Affinity purification
【Tested applications】 : WB
【Recommended dilution】 : WB 1:500-2000.
【WB Positive sample】 : U-87MG,HeLa,Jurkat,LO2
【Subcellular location】 : Cytoplasm Membrane
【Immunogen】 : Recombinant protein of human MTMR3
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

This gene encodes a member of the myotubularin dual specificity protein phosphatase gene family. The encoded protein is structurally similar to myotubularin but in addition contains a FYVE domain and an N-terminal PH-GRAM domain. The protein can self-associate and also form heteromers with another myotubularin related protein. The protein binds to phosphoinositide lipids through the PH-GRAM domain, and can hydrolyze phosphatidylinositol(3)-phosphate and phosphatidylinositol(3,5)-biphosphate in vitro. The encoded protein has been observed to have a perinuclear, possibly membrane-bound, distribution in cells, but it has also been found free in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene.

Verified picture



Western blot analysis with MTMR3 antibody
diluted at 1:1000