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MYO19 Rabbit mAb

Catalog # AP75766

Product Information

Application	WB
Primary Accession	Q96H55
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	109135

Additional Information

Gene ID	80179
Other Names	MYO19
Dilution	WB~~1:1000-1:5000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

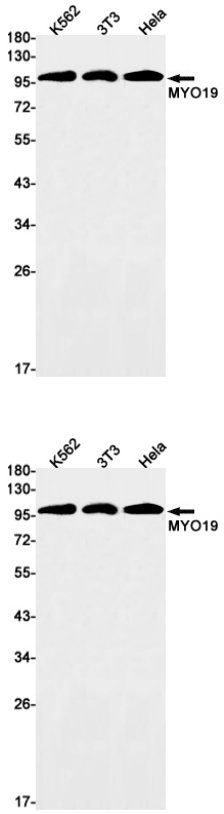
Protein Information

Name	MYO19 {ECO:0000303|PubMed:19932026, ECO:0000312|HGNC:HGNC:26234}
Function	Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:19932026, PubMed:23568824, PubMed:25447992). Motor protein that moves towards the plus-end of actin filaments (By similarity). Required for mitochondrial inheritance during mitosis (PubMed:25447992). May be involved in mitochondrial transport or positioning (PubMed:23568824).
Cellular Location	Mitochondrion outer membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton
Tissue Location	Widely expressed in multiple tissues and cell lines.

Background

Enables actin binding activity. Involved in regulation of cytokinesis and regulation of mitochondrial fission. Acts upstream of or within mitochondrion migration along actin filament. Located in cytosol and mitochondrial outer membrane.

Images



Western blot analysis of MYO19 in K562, 3T3, Hela lysates using MYO19 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.