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Anti-MYO19 Rabbit Monoclonal Antibody

Catalog # ABO16409

Product Information

Application	WB, IF, ICC
Primary Accession	Q96H55
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-MYO19 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human.

Additional Information

Gene ID	80179
Other Names	Unconventional myosin-XIX, Myosin head domain-containing protein 1 {ECO:0000312|HGNC:HGNC:26234}, MYO19 {ECO:0000303|PubMed:19932026, ECO:0000312|HGNC:HGNC:26234}
Calculated MW	109135
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 29M45
Immunogen	A synthesized peptide derived from human MYO19
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

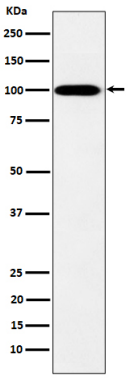
Name	MYO19 {ECO:0000303|PubMed:19932026, ECO:0000312|HGNC:HGNC:26234}
Function	Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:19932026, PubMed:23568824,

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.

Images



Western blot analysis of MYO19 expression in K562 cell lysate.

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