

Anti-MYO19 Rabbit Monoclonal Antibody
Catalog # ABO16409**Specification**

Anti-MYO19 Rabbit Monoclonal Antibody - 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.

Anti-MYO19 Rabbit Monoclonal Antibody - 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

100 kDa KDa

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200

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.

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.

Anti-MYO19 Rabbit Monoclonal Antibody - 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

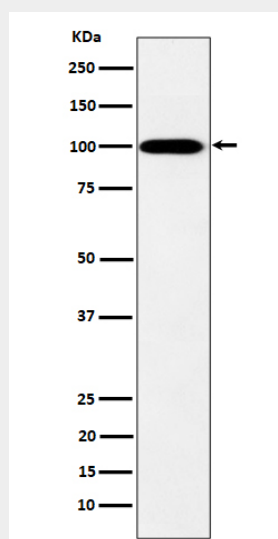
Widely expressed in multiple tissues and cell lines.

Anti-MYO19 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MYO19 Rabbit Monoclonal Antibody - Images



Western blot analysis of MYO19 expression in K562 cell lysate.