

MYO10 Rabbit Polyclonal Antibody



CAB12471

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

270kDa

Calculated MW:

11kDa/163kDa/237kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the myosin superfamily. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. This gene functions as an actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis.

Immunogen information

Gene ID:

4651

Uniprot

Q9HD67

Synonyms:

MYO10; myosin X

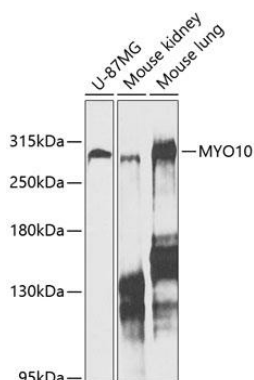
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 845-944 of human MYO10 (NP_036466.2).

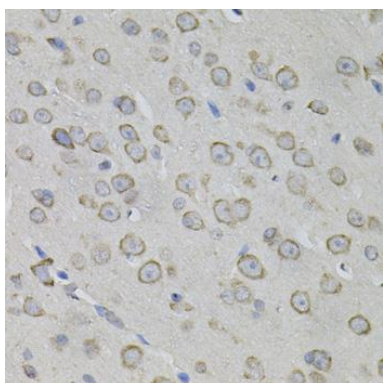
Storage:

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

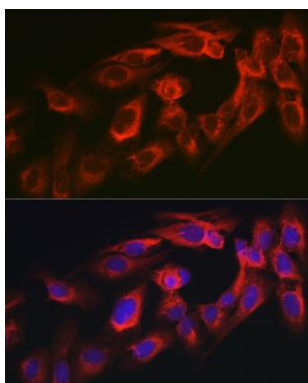
Product Images



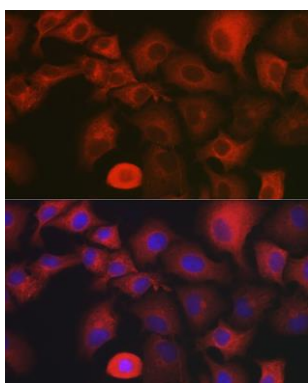
Western blot analysis of extracts of various cell lines, using MYO10 antibody (CAB12471) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 20s.



Immunohistochemistry of paraffin-embedded mouse brain using MYO10 antibody (CAB12471) (40x lens).



Immunofluorescence analysis of U2OS cells using MYO10 antibody (CAB12471) at dilution of 1:350. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-549 cells using MYO10 antibody (CAB12471) at dilution of 1:350. Blue: DAPI for nuclear staining.