MYO6 Rabbit Polyclonal Antibody

CAB13033

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

150kDa

Calculated MW:

145kDa/146kDa/148kDa/149 kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a reverse-direction motor protein that moves toward the minus end of actin filaments and plays a role in intracellular vesicle and organelle transport. The protein consists of a motor domain containing an ATP- and an actin-binding site and a globular tail which interacts with other proteins. This protein maintains the structural integrity of inner ear hair cells and mutations in this gene cause non-syndromic autosomal dominant and recessive hearing loss. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Immunogen information

Gene ID:
4646

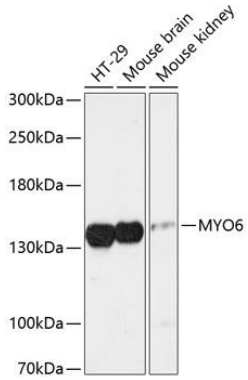
Uniprot
Q9UM54

Synonyms:
MYO6; DFNA22; DFNB37; Myo6-007; Myo6-008; myosin VI

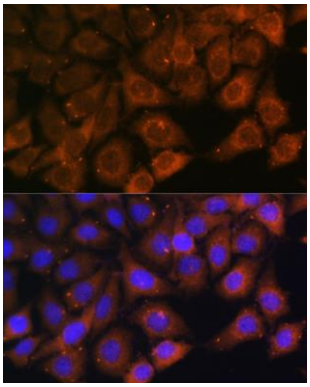
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1016-1285 of human MYO6 (NP_004990.3).

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

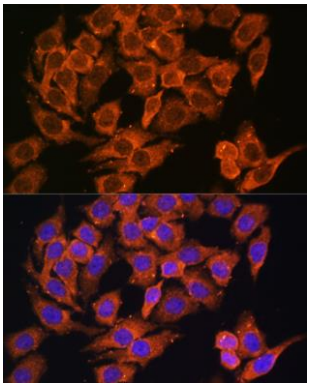
Product Images



Western blot analysis of extracts of various cell lines, using MYO6 antibody (CAB13033) at 1:3000 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 Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using MYO6 antibody (CAB13033) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using MYO6 antibody (CAB13033) at dilution of 1:100. Blue: DAPI for nuclear staining.

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