MYO7A Rabbit Polyclonal Antibody

CAB1911

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

254kDa

Calculated MW:

138kDa/240kDa/249kDa/250 kDa/254kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene is a member of the myosin gene family. Myosins are mechanochemical proteins characterized by the presence of a motor domain, an actin-binding domain, a neck domain that interacts with other proteins, and a tail domain that serves as an anchor. This gene encodes an unconventional myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 phenotype and the human Usher syndrome 1B which are characterized by deafness, reduced vestibular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:
4647

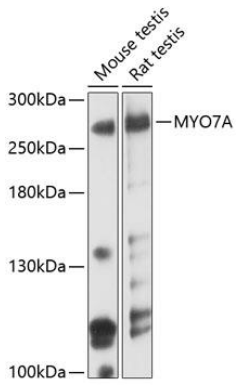
Uniprot
Q13402

Synonyms:
MYO7A; DFNA11; DFNB2; MYOVIIA; MYU7A; NSRD2; USH1B

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 850-1150 of human MYO7A (NP_000251.3).

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 MYO7A antibody (CAB1911) 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: 30s.

