

MYO1E Rabbit Polyclonal Antibody



CAB13032

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

127kDa

Calculated MW:

127kDa

Applications:

WB

Reactivity:

Human

Protein Background

This gene encodes a member of the nonmuscle class I myosins which are a subgroup of the unconventional myosin protein family. The unconventional myosin proteins function as actin-based molecular motors. Class I myosins are characterized by a head (motor) domain, a regulatory domain and a either a short or long tail domain. Among the class I myosins, this protein is distinguished by a long tail domain that is involved in crosslinking actin filaments. This protein localizes to the cytoplasm and may be involved in intracellular movement and membrane trafficking. Mutations in this gene are the cause of focal segmental glomerulosclerosis-6. This gene has been referred to as myosin IC in the literature but is distinct from the myosin IC gene located on chromosome 17.

Immunogen information

Gene ID:

4643

Uniprot

Q12965

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

MYO1E; FSGS6; HuncM-IC; MYO1C; myosin IE

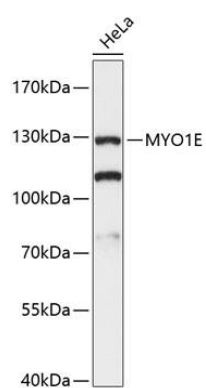
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 809-1108 of human MYO1E (NP_004989.2).

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 HeLa cells, using MYO1E antibody (CAB13032) 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: 60s.