

MYO1C rabbit pAb

Cat No.:ES19456

For research use only

Overview

Product Name	MYO1C rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized peptide derived from human MYO1C AA range: 700-750
Specificity	This antibody detects endogenous levels of human MYO1C
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Unconventional myosin-Ic (Myosin I beta) (MMI-beta) (MMIb)
Gene Name	MYO1C
Cellular localization	[Isoform 1]: Cytoplasm . Nucleus . Colocalizes with RNA polymerase II. Absent from nucleoli and does not colocalize with RNA polymerase I. Translocates to nuclear speckles upon exposure to inhibitors of RNA polymerase II transcription.; [Isoform 2]: Cytoplasm. Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, stereocilium membrane . Cell projection, ruffle . Cytoplasmic vesicle . Colocalizes with CABP1 and CIB1 at cell margin, membrane ruffles and punctate regions on the cell membrane. Colocalizes in adipocytes with GLUT4 at actin-based membranes. Colocalizes with GLUT4 at insulin-induced ruffles at the cell membrane. Localizes transiently at cell membrane to region known to be enriched in PIP2. Activation of phospholipase C results in its redistribution to
Purification	The antibody was affinity-purified from rabbit





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Clonality

Concentration

Observed band

Human Gene ID

Human Swiss-Prot Number

Alternative Names

Background

antiserum by affinity-chromatography using
epitope-specific immunogen.

Polyclonal

1 mg/ml

4641

O00159



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