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Datasheet for ABIN7174946

anti-MYO1E antibody (AA 62-189) (Biotin)

Overview

Quantity:	100 µg
Target:	MYO1E
Binding Specificity:	AA 62-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYO1E antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Unconventional myosin-Ie protein (62-189AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MYO1E
Alternative Name:	MYO1E (MYO1E Products)
Background:	Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails bind to membranous

Target Details

compartments, which are then moved relative to actin filaments. Binds to membranes containing anionic phospholipids via its tail domain. Required for normal morphology of the glomerular basement membrane, normal development of foot processes by kidney podocytes and normal kidney function. In dendritic cells, may control the movement of class II-containing cytoplasmic vesicles along the actin cytoskeleton by connecting them with the actin network via ARL14EP and ARL14.

Aliases: FSGS6 antibody, HuncM-IC antibody, MYO1C antibody, Myo1e antibody, MYO1E variant protein antibody, MYO1E_HUMAN antibody, Myosin heavy chain myr 3 antibody, Myosin IC, formerly antibody, Myosin IE antibody, Myosin-Ic antibody, Myr 3 antibody, Myr3 antibody, MYR5 antibody, Unconventional myosin 1E antibody, Unconventional myosin Ie antibody, Unconventional myosin-Ie antibody

UniProt: [Q12965](#)

Pathways: [Platelet-derived growth Factor Receptor Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.