

Anti-MYO5B(Myosin-5B)(Myosin Vb)Polyclonal Antibody

Cat. #: 60B923

Description:

MYO5B(Myosin-5B)(Myosin Vb)interacts with RAB11FIP2. MYO5B(Myosin-5B)(Myosin Vb) has a role in in glutamate receptor GluR1 trafficking. The myosin Vb functions in traffic between peripheral and pericentrosomal compartments. The protein contains 1 dilute domain and 6 IQ domains. It also contains 1 myosin head-like domain. The myosin molecule is a multi-subunit complex made up of two heavy chains and four light chains it is a fundamental contractile protein found in all eukaryote cell types. This family consists of the coiled-coil myosin heavy chain tail region. The coiled-coil is composed of the tail from two molecules of myosin. These can then assemble into the macromolecular thick filament. The coiled-coil region provides the structural backbone the thick filament.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human Myosin-5B (Myosin Vb)

References

Hales,C.M., et al, J. Biol. Chem. 276 (42), 39067-39075 (2001)
Lise,M.F., et al, J. Biol. Chem. 281 (6), 3669-3678 (2006)
Provance,D.W. Jr., et al, Proc. Natl. Acad. Sci. U.S.A. 101 (7), 1868-1873 (2004)
Zhao,L.P., et al, Proc. Natl. Acad. Sci. U.S.A. 93 (20), 10826-10831 (1996)

Clone Number:

Isotype:

Species: human, mouse

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)