

MYO9B Antibody

Catalog No: #34823

Package Size: #34823-1 50ul #34823-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

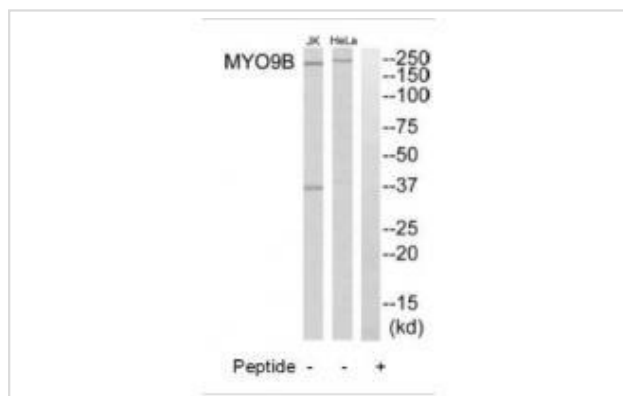
Description

Product Name	MYO9B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MYO9B protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human MYO9B.
Target Name	MYO9B
Other Names	Myosin-Ixb; Unconventional myosin-9b;
Accession No.	Swiss-Prot: Q13459NCBI Gene ID: 4650
Uniprot	Q13459
GeneID	4650;
SDS-PAGE MW	250kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells and Jurkat cells, using MYO9B antibody #34823.

Background

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. May be involved in the remodeling of the actin cytoskeleton. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions. Also acts as a GTPase activating protein on Rho.

Wirth J.A., J. Cell Sci. 109:653-661(1996).

Grewal P.K., Gene 240:389-398(1999).

Post P.L., J. Cell Sci. 111:941-950(1998).

Note: This product is for in vitro research use only