Datasheet for ABIN7184482

anti-MYO9B antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	MYO9B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYO9B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human MYO9B.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	MYO9B
Alternative Name:	MYO9B (MYO9B Products)
Background:	Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional

Target Details

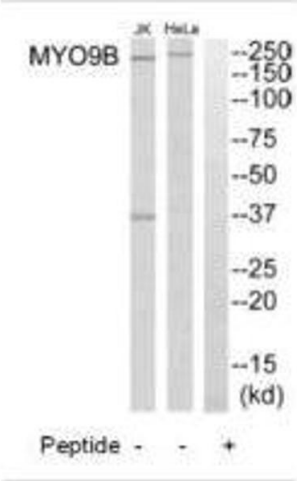
	myosins serve in intracellular movements. May be involved in the remodeling of the actin cytoskeleton. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions. Also acts as a GTPase activating protein on Rho. Wirth J.A., J. Cell Sci. 109:653-661(1996). Grewal P.K., Gene 240:389-398(1999). Post P.L., J. Cell Sci. 111:941-950(1998). Aliases: MYO9B antibody, MYR5 antibody, Unconventional myosin-IXb antibody, Unconventional myosin-9b antibody
UniProt:	Q13459

Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells and Jurkat cells, using MYO9B antibody.

