

Datasheet for ABIN1078387

anti-Myosin IB antibody (AA 779-1040)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Myosin IB (MYO1B)
Binding Specificity:	AA 779-1040
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant MYO1B expressed in E.coli. The antibody is a rabbit polyclonal antibody raised against MYO1B.
Sequence:	MGHHHHHHSG S- CK EAATTIAAYW HGTQARRELK RLKEEARRKH AVAVIWAYWL GLKVRREYRK FFRANAGKKI YEFTLQRIVQ KYLLEMKNKM PSLSPIDKNW PSRPYLFLDS THKELKRIFH LWRCKKYRDQ FTDQQKLIYE EKLEASELFK DKKALYPSSV GQPFQGAYLE INKNPKYKKL KDAIEEKIII AEVVKINRA NGKSTSRIFL LTNNNLLLD QKSGQIKSEV PLVDVTKVSM SSQNDGFFAV HLKEGSEAAS KGDFLFSSDH
Isotype:	IgG
Specificity:	It has been selected for its ability to recognize MYO1B in immunohistochemical staining and Western blotting.
Purification:	Affinity Chromatography

Target Details

Target: Myosin IB (MYO1B)

Abstract: [MYO1B Products](#)

Application Details

Application Notes: Western blotting: 1:100-400
Immunocytochemistry in formalin fixed cells: 1:100-500
Immunohistochemistry in formalin fixed frozen section: 1:100-500
Immunohistochemistry in paraffin section: 1:50-200
Enzyme-linked Immunosorbent Assay: 1:100-200
Optimal working dilutions must be determined by end user.

Comment: Content: The quality control contains recombinant MYO1B (Cys779~His1040) disposed in loading buffer.
Usage: 10 µL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5 µL per well when used in enhanced chemiluminescent (ECL).
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.
Loading Buffer: 100 mM Tris(pH8.8), 2 % SDS, 200 mM NaCl, 50 % glycerol, BPB 0.01 % , NaN₃ 0.02 % .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02 % NaN₃, 50 % glycerol.

Preservative: Sodium azide

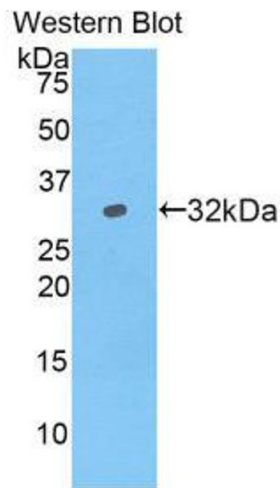
Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles

Handling

Storage:	4 °C
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.
Expiry Date:	12 months

Images



Western Blotting

Image 1.