

ARG63993 anti-Myosin IXB antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Myosin IXB
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_004136.2; NP_001123537.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Myosin IXB
Species	Human
Immunogen	C-KNDFEPVKQSKAQ
Conjugation	Un-conjugated
Alternate Names	Unconventional myosin-9b; MYR5; CELIAC4; Unconventional myosin-IXb

Application Instructions

Application table	Application	Dilution
	WB	2 - 6 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 4650 Human](#)

[Swiss-port # Q13459 Human](#)

Background

This gene encodes a member of the myosin family of actin-based molecular motor heavy chain proteins. The protein represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-9 (MYH9). The protein has four IQ motifs located in the neck domain that bind calmodulin, which serves as a light chain. The protein complex has a single-headed structure and exhibits processive movement on actin filaments toward the minus-end. The protein also has rho-GTPase activity. Polymorphisms in this gene are associated with celiac disease and ulcerative colitis susceptibility. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Research Area

Signaling Transduction antibody

Calculated Mw

243 kDa

Images



ARG63993 anti-Myosin IXB antibody WB image

Western Blot: Human Liver lysate (35 µg protein in RIPA buffer) stained with ARG63993 anti-Myosin IXB antibody at 2 µg/ml dilution.