

[Go to Product page](#)

Datasheet for ABIN7468620 **anti-MYH10 antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	MYH10
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYH10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human MYH10. The exact sequence is proprietary.
Clone:	GT246
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified by Protein A.

Target Details

Target:	MYH10
---------	-------

Target Details

Alternative Name:	myosin heavy chain 10 (MYH10 Products)
Background:	<p>Synonyms: myosin heavy chain 10 , NMMHC-IIB , NMMHCB</p> <p>Background: This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin, it should not be confused with the unconventional myosin-10 (MYO10). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene have been associated with May-Hegglin anomaly and developmental defects in brain and heart. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]</p>
Molecular Weight:	229 kDa
Gene ID:	4628
UniProt:	P35580

Application Details

Application Notes:	WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IHC-Fr: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa , MYH10-transfected 293T , NIH-3T3 , mouse brain Validation: Orthogonal, Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.