

Rabbit anti-Human, Mouse Myosin-10 Polyclonal Antibody | anti-MYH10 antibody

Rabbit anti-Myosin-10 Antibody, Affinity Purified

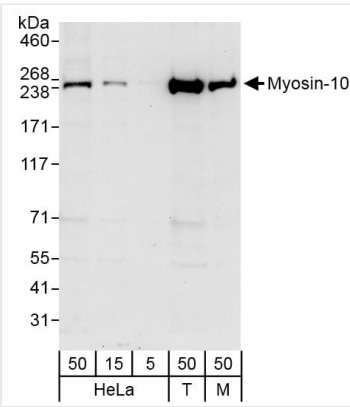
CATALOG # AAA211735	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Myosin-10; Polyclonal Antibody; Rabbit anti-Myosin-10 Antibody; Affinity Purified; nonmuscle myosin II heavy chain-B; Non-muscle myosin heavy chain IIb; nonmuscle myosin heavy chain IIB; Non-muscle myosin heavy chain B; NMMHC-IIB; NMMHC-B; NMMHCB; myosin; heavy chain 10; non-muscle; heavy polypeptide 10; NMMHC II-b; myosin heavy chain; nonmuscle type B; Myosin heavy chain; non-muscle IIb; Myosin heavy chain 10; cellular myosin heavy chain; type B; myosin-10; myosin heavy chain 10; anti-MYH10 antibody

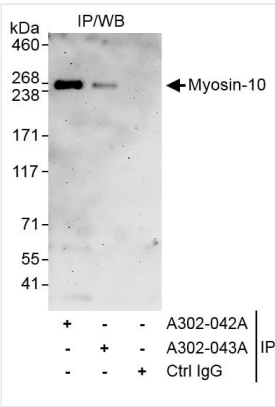
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MYH10 antibody	WB (Western Blot)
Predicted Reactivity	Rat, Rabbit
Immunogen	Between 1926 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse Myosin-10 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50ug) cells. Antibodies: Affinity purified rabbit anti-Myosin-10 antibody AAA211735 (lot 302-043A-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human Myosin-10 by western blot of immunoprecipitates. Samples: Whole cell lysate from HeLa (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Myosin-10 antibody AAA211735 (lot 302-043A-1) used for IP at 3 ug/mg lysate. Myosin-10 was also immunoprecipitated by rabbit anti-Myosin-10 antibody which recognizes an upstream epitope. For blotting immunoprecipitated Myosin-10, AAA211735 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH10 antibody	Myosin II is a hexameric protein that consist of a pair of heavy chain subunits (MHC), a pair of essential light chain subunits (MLC), and a pair of regulatory light chain subunits (RLCs). Non-muscle myosin heavy chain II-B is encoded by the myosin heavy chain 10 gene (MYH10) and non-muscle myosin heavy chain II-A is encoded by the Myosin heavy chain 9 gene (MYH9). Myosin in non-muscle cells is involved in motile cellular processes which include cytokinesis, cell shape, secretion, and capping.
Product Categories/Family for anti-MYH10 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	4628
UniProt Accession #	P35580
UniProt Protein Name	Myosin-10
UniProt Gene Name	MYH10
UniProt Synonym Gene Names	NMMHC-B; NMMHC II-b; NMMHC-IIB
UniProt Entry Name	MYH10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myosin-10-antibody-western-blot-elisa/211735>