

Rabbit anti-Human, Mouse Myosin-9 Polyclonal Antibody | anti-MYH9 antibody

Rabbit anti-Myosin-9 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212725	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

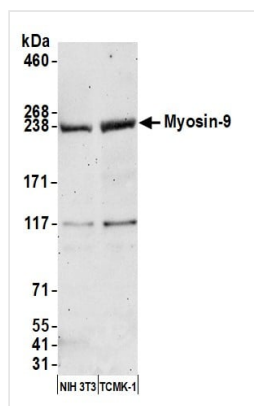
PRODUCT SYNONYMS

Myosin-9; Polyclonal Antibody; Rabbit anti-Myosin-9 Antibody; Affinity Purified; non-muscle myosin heavy chain IIa; NMHC-II-A; NMMHCA; NMMHC-A; NMMHC-IIA; non-muscle myosin heavy chain A; myosin-9; nonmuscle myosin heavy chain II-A; non-muscle myosin heavy polypeptide 9; non-muscle myosin heavy chain 9; cellular myosin heavy chain; type A; NMMHC II-a; BDPLT6; myosin; heavy chain 9; non-muscle; DFNA17; EPSTS; FTNS; MATINS; MHA; Myosin heavy chain 9; Myosin heavy chain; non-muscle IIa; myosin heavy chain 9; anti-MYH9 antibody

PRODUCT SPECIFICATIONS

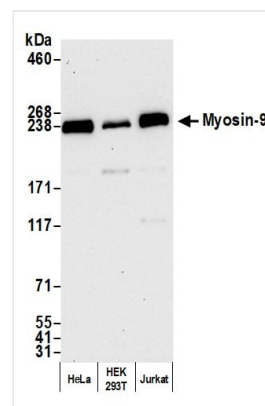
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MYH9 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1910 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



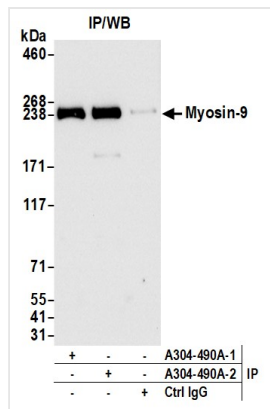
WB (Western Blot)

Detection of mouse Myosin-9 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3 and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Myosin-9 antibody AAA212725 (lot AAA212725-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



WB (Western Blot)

Detection of human Myosin-9 by western blot. Samples: Whole cell lysate (5 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Myosin-9 antibody AAA212725 (lot AAA212725-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Myosin-9 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Myosin-9 antibody AAA212725 (lot AAA212725-2) used for IP at 6 ug per reaction. Myosin-9 was also immunoprecipitated by a previous lot of this antibody (lot AAA212725-1). For blotting immunoprecipitated Myosin-9, AAA212725-2 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH9 antibody	Mysosin-9 (MYH9) is a cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. During cell spreading, mysosin 9 plays an important role in cytoskeleton reorganization, focal contacts formation (in the margins but not the central part of spreading cells), and lamellipodial retraction; this function is mechanically antagonized by MYH10 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P35579].
Product Categories/Family for anti-MYH9 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	12667788
NCBI GeneID	4627
NCBI Accession #	NP_002464.1
NCBI GenBank Nucleotide #	NM_002473.5
UniProt Accession #	P35579; O60805; Q60FE2; Q86T83; A8K6E4
Molecular Weight	226,532 Da
NCBI Official Full Name	myosin-9
NCBI Official Synonym Full Names	myosin, heavy chain 9, non-muscle
NCBI Official Symbol	MYH9
NCBI Official Synonym Symbols	MHA; FTNS; EPSTS; BDPLT6; DFNA17; NMMHCA; NMHC-II-A; NMMHC-IIA
NCBI Protein Information	myosin-9; myosin heavy chain 9; non-muscle myosin heavy chain A; non-muscle myosin heavy chain IIa; nonmuscle myosin heavy chain II-A; myosin heavy chain, non-muscle IIa; cellular myosin heavy chain, type A; non-muscle myosin heavy polypeptide 9
UniProt Protein Name	Myosin-9
UniProt Gene Name	MYH9
UniProt Synonym Gene Names	NMMHC-A; NMMHC II-a; NMMHC-IIA
UniProt Entry Name	MYH9_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-9-antibody-immunoprecipitation-western-blot-elisa/212725>