

Rabbit MYH9 Polyclonal Antibody | anti-MYH9 antibody

MYH9 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199857	Rabbit	Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

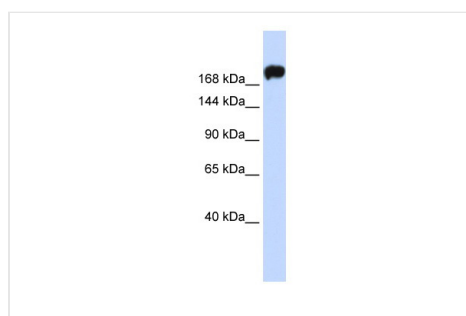
PRODUCT SYNONYMS

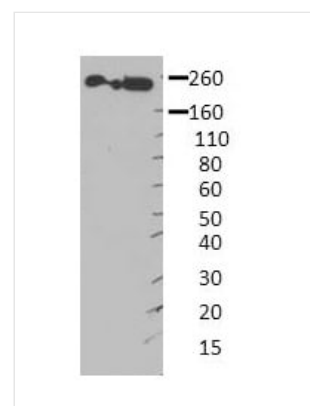
MYH9; Polyclonal Antibody; MYH9 antibody - middle region; anti-MYH9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DA MNREVSSLKN KLRRGDLPFV VPRRMARKGA GDGSDEEVDG KADGAEAK
Sequence Length	1960
Applicable Applications for anti-MYH9 antibody	WB (Western Blot)
Homology	Dog: 93%; Guinea Pig: 86%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MYH9
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-MYH9 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:2500
Positive Control: MCF7 cell lysate

WB (Western Blot)

MYH9 antibody - middle region validated by WB using Hek 293 Whole Cell Lysate at 1:4,000.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH9 antibody	This is a rabbit polyclonal antibody against MYH9. It was validated on Western Blot using a cell lysate as a positive control. Target Description: MYH9 is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain. The protein is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in MYH9 are the cause of non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.
Product Categories/Family for anti-MYH9 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Membrane & Traffic; Disease Related; DNA/RNA/Protein Interactions; GPCR; Cell Morphogenesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	12667788
NCBI GeneID	4627
NCBI Accession #	NP_002464
NCBI GenBank Nucleotide #	NM_002473
UniProt Accession #	P35579
Molecular Weight	226kDa
NCBI Official Full Name	myosin-9
NCBI Official Synonym Full Names	myosin heavy chain 9
NCBI Official Symbol	MYH9
NCBI Official Synonym Symbols	MHA; FTNS; EPSTS; BDPLT6; DFNA17; MATINS; NMMHCA; NMHC-II-A; NMMHC-IIA
NCBI Protein Information	myosin-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/myh9-antibody-western-blot-elisa/199857>