

Rabbit MYH9 Polyclonal Antibody | anti-MYH9 antibody

MYH9 Rabbit Polyclonal Antibody

CATALOG # AAA313166	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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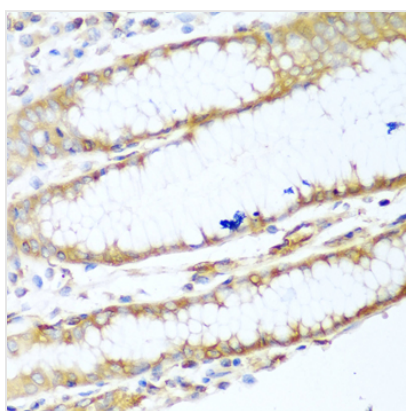
PRODUCT SYNONYMS

MYH9; Polyclonal Antibody; MYH9 Rabbit Polyclonal Antibody; BDPLT6; DFNA17; EPSTS; FTNS; MHA; NMHC-II-A; NMMHC-IIA; NMMHCA; myosin-9; anti-MYH9 antibody

PRODUCT SPECIFICATIONS

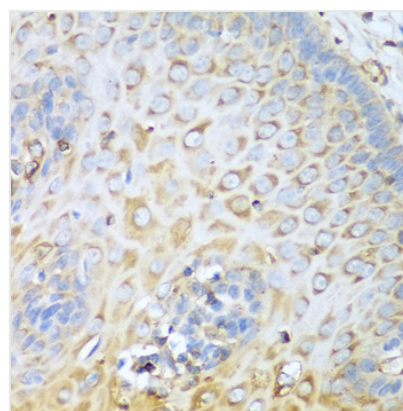
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MYH9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MYH9 (NP_002464.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



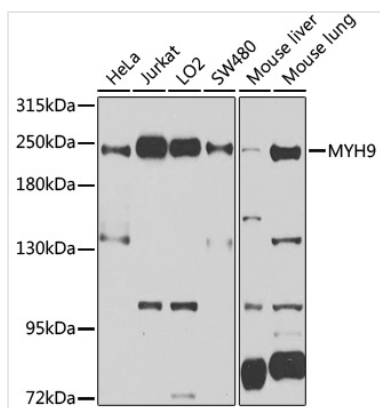
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using MYH9 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using MYH9 at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYH9 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MYH9 antibody	This gene encodes a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain which is involved in several important functions, including cytokinesis, cell motility and maintenance of cell shape. Defects in this gene have been associated with 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	Primary Antibody

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.

