

Rabbit anti-Human, Mouse MYO5A Polyclonal Antibody | anti-MYO5A antibody

MYO5A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234226	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MYO5A; Polyclonal Antibody; MYO5A Antibody; Unconventional myosin-Va; Dilute myosin heavy chain; non-muscle; Myosin heavy chain 12; Myosin-12; Myoxin; MYH12; anti-MYO5A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1855
Applicable Applications for anti-MYO5A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Unconventional myosin-Va protein (1087-1220AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Human
Research Area	Neuroscience
Target Names	MYO5A
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234226 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA234226 diluted at 1:300 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Mouse brain tissueAll lanes: MYO5A antibody at 7.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 216, 213, 219 KDaObserved band size: 216 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-MYO5A antibody	Processive actin-based motor that can move in large steps approximating the 36-nm pseudo-repeat of the actin filament. Involved in melanosome transport. Also mediates the transport of vesicles to the plasma membrane. May also be required for some polarization process involved in dendrite formation.
Product Categories/Family for anti-MYO5A antibody	Neuroscience; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	215982791
NCBI GeneID	4644
NCBI Accession #	NP_000250.3
NCBI GenBank Nucleotide #	NM_000259.3
UniProt Accession #	Q9Y4I1; O60653; Q07902; Q16249; Q9UE30; Q9UE31; A8MZC5
NCBI Official Full Name	unconventional myosin-Va isoform 1
NCBI Official Synonym Full Names	myosin VA
NCBI Official Symbol	MYO5A
NCBI Official Synonym Symbols	GS1; MYO5; MYH12; MYR12
NCBI Protein Information	unconventional myosin-Va
UniProt Protein Name	Unconventional myosin-Va
UniProt Gene Name	MYO5A
UniProt Synonym Gene Names	MYH12

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/myo5a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234226>