

Rabbit MYO7A Polyclonal Antibody | anti-MYO7A antibody

MYO7A Polyclonal Antibody

CATALOG # AAA169827	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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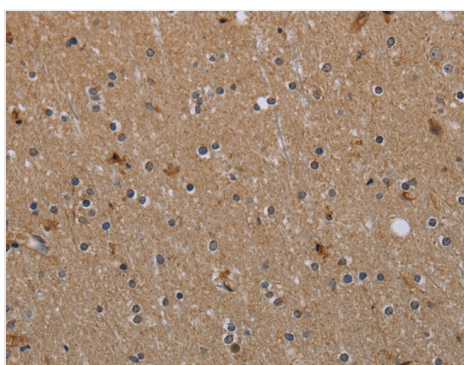
PRODUCT SYNONYMS

MYO7A; Polyclonal Antibody; MYO7A Polyclonal Antibody; DFNB2; MYU7A; NSRD2; USH1B; DFNA11; MYOVIIA; anti-MYO7A antibody

PRODUCT SPECIFICATIONS

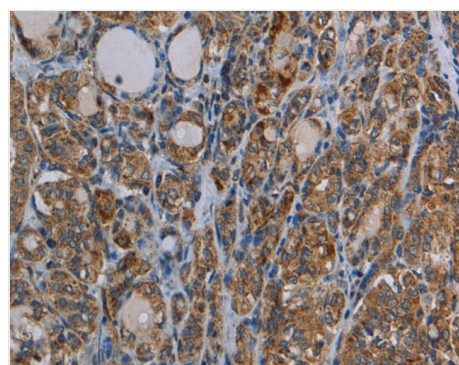
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	2177
Applicable Applications for anti-MYO7A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human MYO7A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using MYO7A Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MYO7A Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-MYO7A antibody	This gene is a member of the myosin gene family. Myosins are mechanochemical proteins characterized by the presence of a motor domain, an actin-binding domain, a neck domain that interacts with other proteins, and a tail domain that serves as an anchor. This gene encodes an unconventional myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 phenotype and the human Usher syndrome 1B which are characterized by deafness, reduced vestibular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225000386
NCBI GeneID	17921
Molecular Weight	251,097 Da
NCBI Official Full Name	Myosin VIIA
NCBI Official Synonym Full Names	myosin VIIA
NCBI Official Symbol	Myo7a
NCBI Official Synonym Symbols	Hdb; sh1; Myo7; sh-1; USH1B; polka; nmf371
NCBI Protein Information	unconventional myosin-VIIa; motor protein; shaker 1
UniProt Protein Name	Unconventional myosin-VIIa
UniProt Gene Name	Myo7a
UniProt Synonym Gene Names	Myo7
UniProt Entry Name	MYO7A_MOUSE

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://www.aaabiotech.com/polyclonal/myo7a-antibody-immunohistochemistry-elisa/169827>