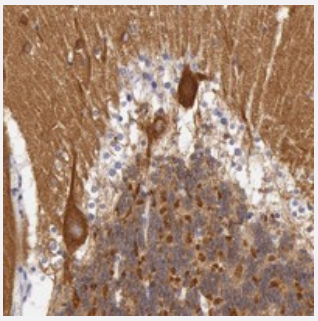
MYO5A polyclonal antibody

Catalog # PAB20053 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with MYO5A polyclonal antibody (Cat # PAB20053) shows strong cytoplasmic positivity in purkinje cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MYO5A.
Immunogen	Recombinant protein corresponding to amino acids of human MYO5A.
Sequence	QNLQLPPEARIEASLQHEITRLTNENLDLMEQLEKQDKTVRKLKKQLKVFAKKIGELEVGQMENIS PGQIIDEPIRPVNIPRKEKDFQGMLEYKKEDEQKLVKNLILELKPRGVAVNLIPG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — MYO5A

Entrez GeneID	4644
Protein Accession#	Q9Y4I1
Gene Name	MYO5A
Gene Alias	GS1, MYH12, MYO5, MYR12
Gene Description	myosin VA (heavy chain 12, myoxin)
Omim ID	160777 214450
Gene Ontology	Hyperlink
Gene Summary	This gene is one of three myosin V heavy-chain genes, belonging to the myosin gene superfamily. Myosin V is a class of actin-based motor proteins involved in cytoplasmic vesicle transport and an chorage, spindle-pole alignment and mRNA translocation. The protein encoded by this gene is ab undant in melanocytes and nerve cells. Mutations in this gene cause Griscelli syndrome type-1 (G S1), Griscelli syndrome type-3 (GS3) and neuroectodermal melanolysosomal disease, or Elejald e disease. Multiple alternatively spliced transcript variants encoding different isoforms have been reported, but the full-length nature of some variants has not been determined. [provided by RefSe q
Other Designations	OTTHUMP00000174452|dilute|myosin V|myosin VA|myosin heavy chain 12|myosin, heavy polype ptide kinase|myoxin

Disease

- Genetic Predisposition to Disease

- Lung Neoplasms
- Malignant melanoma
- Melanoma
- Pulmonary Disease
- Skin Neoplasms
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Werner syndrome