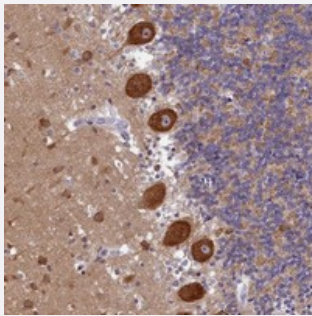


AP3B2 polyclonal antibody

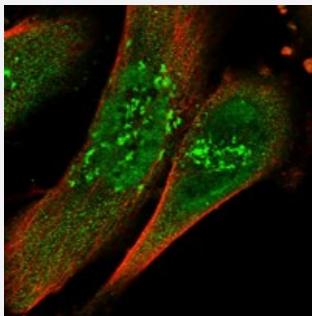
Catalog # PAB23583 Size 100 uL

Applications



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

Immunohistochemical staining of human cerebellum with AP3B2 polyclonal antibody (Cat # PAB23583) shows strong cytoplasmic positivity in purkinje cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with AP3B2 polyclonal antibody (Cat # PAB23583) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli, cytoplasm and golgi apparatus.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant AP3B2.
Immunogen	Recombinant protein corresponding to amino acids of human AP3B2.
Sequence	VPEWTKCSNREKRKEKEKPFYSDSEGESGPTESADSDPESESESDSKSSSESGSGESSSED NEDQ
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:1000-1:2500) Immunofluorescence (1-4 ug/mL) 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 should be handled by trained staff only.

Applications

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

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- Immunofluorescence

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Gene Info — AP3B2

Entrez GeneID	8120
Protein Accession#	Q13367
Gene Name	AP3B2
Gene Alias	DKFZp686D17136, NAPTb
Gene Description	adaptor-related protein complex 3, beta 2 subunit
Omim ID	602166
Gene Ontology	Hyperlink
Gene Summary	Adaptor protein-3 (AP3) is a heterotetrameric vesicle-coat protein complex. Some AP3 subunits are ubiquitously expressed, whereas others are expressed exclusively in neurons. The neuron-specific AP3 complex, which includes AP3B2, is thought to serve neuron-specific functions such as neurotransmitter release (Grabner et al., 2006 [PubMed 16788073]).[supplied by OMIM]

Other Designations

Neuronal adaptin-like protein, beta-subunit

Pathway

- [Lysosome](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)