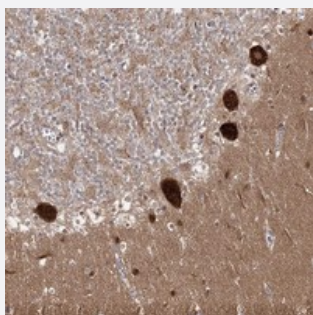


AP2M1 polyclonal antibody

Catalog # PAB23071 Size 100 uL

Applications



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

Immunohistochemical staining of human cerebellum with AP2M1 polyclonal antibody (Cat # PAB23071) shows strong cytoplasmic positivity in Purkinje cells at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant AP2M1.
Immunogen	Recombinant protein corresponding to amino acids of human AP2M1.
Sequence	RMAGMKESQISAEIELLPTNDKKKWARPPISMNFEVVPFAPSGLKVRYLKVFEPKLNYSDDHVIKW VRYIGRSGIYETRC
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) 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)

Immunohistochemical staining of human cerebellum with AP2M1 polyclonal antibody (Cat # PAB23071) shows strong cytoplasmic positivity in purkinje cells at 1:20-1:50 dilution.

Gene Info — AP2M1

Entrez GeneID

[1173](#)

Protein Accession#

[Q96CW1](#)

Gene Name

AP2M1

Gene Alias

AP50, CLAPM1, mu2

Gene Description

adaptor-related protein complex 2, mu 1 subunit

Omim ID

[601024](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

AP-2 mu 2 chain|HA2 50 kDA subunit|clathrin adaptor complex AP2, mu subunit|clathrin assembly protein complex 2 medium chain|clathrin coat adaptor protein AP50|clathrin-associated/assembly/adaptor protein, medium 1|plasma membrane adaptor AP-2 50kDA prote

Pathway

- [Endocytosis](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)