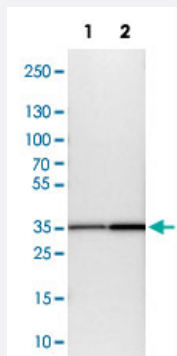


ATP6AP2 polyclonal antibody

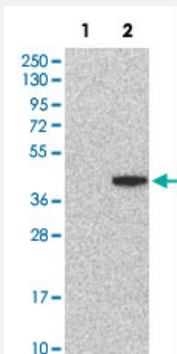
Catalog # PAB30616 Size 100 uL

Applications



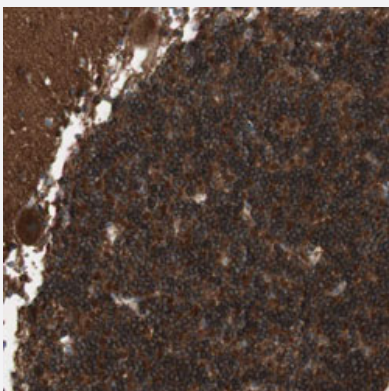
Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumor cells) with ATP6AP2 polyclonal antibody (Cat # PAB30616).



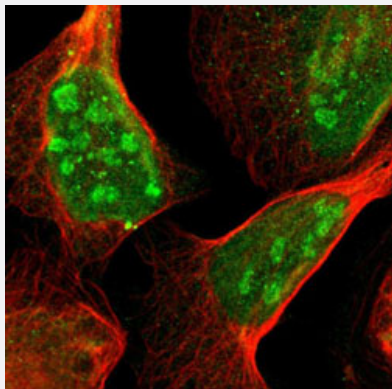
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with ATP6AP2 polyclonal antibody (Cat # PAB30616).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebellum with ATP6AP2 polyclonal antibody (Cat # PAB30616) shows strong cytoplasmic positivity in Purkinje cells and in cells of granular layer.



Immunofluorescence

Immunofluorescent staining of U-2 OS with ATP6AP2 polyclonal antibody (Cat # PAB30616) (Green) shows positivity in nucleus and nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ATP6AP2.
Immunogen	Recombinant protein corresponding to human ATP6AP2.
Sequence	NSLSRNNEVDLLFLSELQVLHDISSLLSRHKHLAKDHSPDLYSLELAGLDEIGKRYGEDSEQFRDA SKILVDALQKFADDMYSLYGGNAVVELVTVKSFDTSILRKTRTILEAKQAKNPASPYNLAYKYNFEY SVVFN
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) 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

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Gene Info — ATP6AP2

Entrez GeneID	10159
Protein Accession#	O75787
Gene Name	ATP6AP2
Gene Alias	APT6M8-9, ATP6IP2, ATP6M8-9, ELDF10, HT028, M8-9, MGC99577, MRXE, MSTP009, XMR E
Gene Description	ATPase, H ⁺ transporting, lysosomal accessory protein 2
Omim ID	300423 300556
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is associated with adenosine triphosphatases (ATPases). Prot on-translocating ATPases have fundamental roles in energy conservation, secondary active trans port, acidification of intracellular compartments, and cellular pH homeostasis. There are three clas ses of ATPases- F, P, and V. The vacuolar (V-type) ATPases have a transmembrane proton-con ducting sector and an extramembrane catalytic sector. The encoded protein has been found asso ciated with the transmembrane sector of the V-type ATPases. [provided by RefSeq

Other Designations

ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) membrane sector associated protein M8-9|ATPase, H⁺ transporting, lysosomal interacting protein 2|OTTHUMP00000025771|V-ATPase M8.9 subunit|embryonic liver differentiation factor 10|renin receptor|va

Disease

- [Hypertension](#)