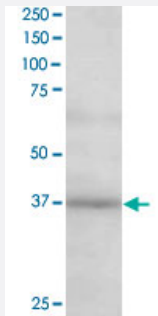


ATP6IP2 polyclonal antibody

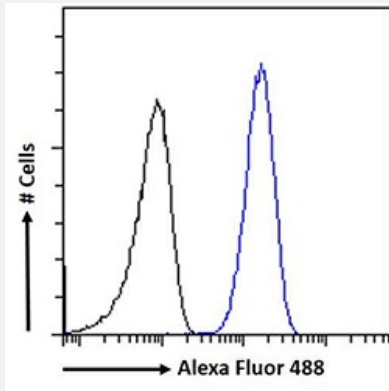
Catalog # PAB6489 Size 100 ug

Applications



Western Blot (Tissue lysate)

ATP6IP2 polyclonal antibody (Cat # PAB6489) staining (0.5 ug/mL) of human kidney lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Flow Cytometry

ATP6IP2 polyclonal antibody (Cat # PAB6489) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ATP6IP2.
Immunogen	A synthetic peptide corresponding to C-terminus of human ATP6IP2.
Sequence	C-SIYRMTNQKIRMD
Host	Goat
Theoretical MW (kDa)	39
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	ELISA (1:8000) Flow Cytometry (10 ug/mL) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

- Western Blot (Tissue lysate)

ATP6IP2 polyclonal antibody (Cat # PAB6489) staining (0.5 ug/mL) of human kidney lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

ATP6IP2 polyclonal antibody (Cat # PAB6489) Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Gene Info — ATP6AP2

Entrez GeneID	10159
Protein Accession#	NP_005756.2
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-ATPa se M8.9 subunit|embryonic liver differentiation factor 10|renin receptor|va

Publication Reference

- [Identification and characterization of a novel 9.2-kDa membrane sector-associated protein of vacuolar proton-ATPase from chromaffin granules.](#)

Ludwig J, Kerscher S, Brandt U, Pfeiffer K, Getlawi F, Apps DK, Schagger H.

The Journal of Biological Chemistry 1998 May; 273(18):10939.

Disease

- [Hypertension](#)