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Product datasheet for TA302894

ATP6IP2 (ATP6AP2) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.25-1µg/ml
Reactivity:	Human, Mouse, Rat (Expected from sequence similarity: Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SIIYRMTNQKIRMD, from the C Terminus of the protein sequence according to NP_005756.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ATPase H+ transporting accessory protein 2
Database Link:	NP_005756 Entrez Gene 70495 MouseEntrez Gene 302526 RatEntrez Gene 10159 Human O75787
Background:	This gene encodes a protein that is associated with adenosine triphosphatases (ATPases). Proton-translocating ATPases have fundamental roles in energy conservation, secondary active transport, acidification of intracellular compartments, and cellular pH homeostasis. There are three classes of ATPases- F, P, and V. The vacuolar (V-type) ATPases have a transmembrane proton-conducting sector and an extramembrane catalytic sector. The encoded protein has been found associated with the transmembrane sector of the V-type ATPases. [provided by RefSeq]

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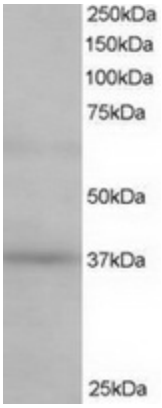
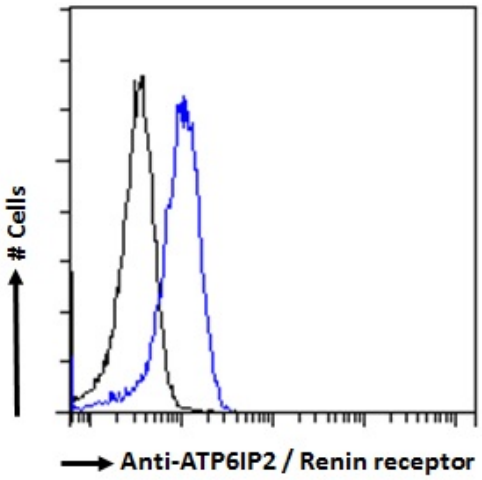
Synonyms: APT6M8-9; ATP6IP2; ATP6M8-9; ELDF10; HT028; M8-9; MRXE; MRXSH; MSTP009; PRR; RENR; XMRE; XPDS

Protein Families: Druggable Genome, Transmembrane

Product images:



TA302894 staining (0.5ug/ml) of Human Kidney lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



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