

ATP6AP1 Rabbit pAb

Catalog No.: A1209

Basic Information

Observed MW

62kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a component of a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. This protein may also play a role in early development.

Recommended Dilutions

WB 1:100 - 1:500

Immunogen Information

Gene ID

537

Swiss Prot

Q15904

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 90-390 of human ATP6AP1 (NP_001174.2).

Synonyms

16A; CF2; Ac45; XAP3; XAP-3; ATP6S1; VATPS1; ATP6IP1; ATP6AP1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

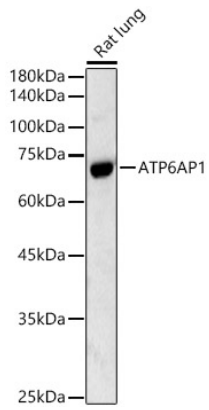
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Rat lung, using ATP6AP1 Rabbit pAb (A1209) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.