

Anti-ATP6V1H Antibody

Rabbit polyclonal antibody to ATP6V1H Catalog # AP59843

Specification

Anti-ATP6V1H Antibody - Product Information

Application WB, IP
Primary Accession O9UI12
Other Accession O8BVE3

Reactivity Human, Mouse, Rat, Zebrafish, Monkey,

Host Rabbit
Clonality Polyclonal
Calculated MW 55883

Anti-ATP6V1H Antibody - Additional Information

Gene ID 51606

Other Names

V-type proton ATPase subunit H; V-ATPase subunit H; Nef-binding protein 1; NBP1; Protein VMA13 homolog; V-ATPase 50/57 kDa subunits; Vacuolar proton pump subunit H; Vacuolar proton pump subunit SFD

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATP6V1H. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-ATP6V1H Antibody - Protein Information

Name ATP6V1H

Function

Subunit of the V1 complex of vacuolar(H+)-ATPase (V-ATPase), a multisubunit enzyme composed of a peripheral complex (V1) that hydrolyzes ATP and a membrane integral complex (V0) that translocates protons (PubMed:33065002). V-ATPase is responsible for acidifying and maintaining the pH of



intracellular compartments and in some cell types, is targeted to the plasma membrane, where it is responsible for acidifying the extracellular environment (By similarity). Subunit H is essential for V-ATPase activity, but not for the assembly of the complex (By similarity). Involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes (PubMed:12032142).

Cellular Location

Cytoplasmic vesicle, clathrin-coated vesicle membrane {ECO:0000250|UniProtKB:O46563}; Peripheral membrane protein

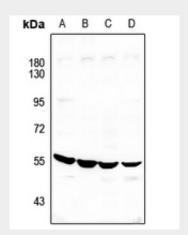
Tissue Location Widely expressed...

Anti-ATP6V1H Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-ATP6V1H Antibody - Images



Western blot analysis of ATP6V1H expression in H9C2 (A), MEF (B), A549 (C), HepG2 (D) whole cell lysates.

Anti-ATP6V1H Antibody - Background

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