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Anti-ATP6V1H Antibody
Rabbit polyclonal antibody to ATP6V1H
Catalog # AP59843

Specification

Anti-ATP6V1H Antibody - Product Information

Application	**WB**
Primary Accession	Q9UI12
Other Accession	Q8BVE3
Reactivity	**Human, Mouse, Rat, Zebrafish, Monkey, Pig, Bovine**
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
Recognizes endogenous levels of ATP6V1H protein.

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

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

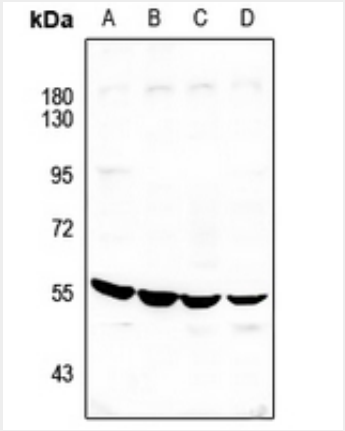
Tissue Location
Widely expressed..

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
- Immunoprecipitation
- 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

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