ATP6V0D1 Recombinant antibody

Cat:B35048D

Company： HaoKebio

Uniprot ID:P61421

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 40 kDa

Observed Molecular Weight: 40 kDa

Applications: IHC:1:100-1:200

IHC-Polymer:1:400-1:800

IHC-TSA:1:500-1:1000

WB:1:1000

Background:

This gene encodes a component of vacuolar ATP ase (V-ATPase), a multisubunit enzyme that med iates acidification of eukaryotic intracellular orga nelles. V-ATPase dependent organelle acidificati on is necessary for such intracellular processes a s protein sorting, zymogen activation, receptor-m ediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 do main. The V1 domain consists of three A and thr ee B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the AT P catalytic site. The V0 domain consists of five d ifferent subunits: a, c, c', c'', and d. Additional is oforms of many of the V1 and V0 subunit protein s are encoded by multiple genes or alternatively s pliced transcript variants. This encoded protein is known as the D subunit and is found ubiquitousl y.

Protein full name:

Vacuolar-type H^+-ATPase V0 Domain D1 Subun it

Synonyms:

P39; VATX; VMA6; ATP6D; ATP6DV; VPATP D

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glyce rol.

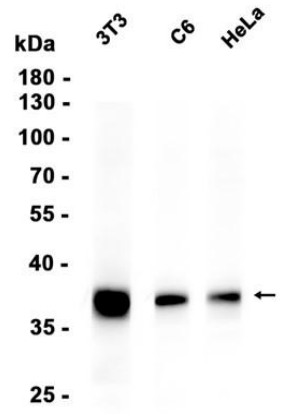
Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 min utes.Incubate antibody, 4℃ overnight.Secondary antibody: P oly-HRP Goat Anti-Rabbit & Mouse Universal Secondary An tibody, RT, 1h.

Images:



Dilution of 1:1000 incubated at room temperature for 1.5 hou rs.

Source of Reagents:

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