

V-ATPase S1 Rabbit pAb

CatalogNo: YT6079

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 51kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:10000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human V-ATPase S1. at AA range: 421-470

Specificity V-ATPase S1 Polyclonal Antibody detects endogenous levels of V-ATPase S1

Target Information

Gene name ATP6AP1

Protein Name

V-ATPase S1

Organism	Gene ID	UniProt ID
Human	537;	Q15904;
Mouse	54411;	Q9R1Q9;

Cellular Localization

Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Endoplasmic reticulum-Golgi intermediate compartment membrane . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass type I membrane protein . Cytoplasmic vesicle, clathrin-coated vesicle membrane ; Single-pass type I membrane protein . Not detected in trans-Golgi network. .

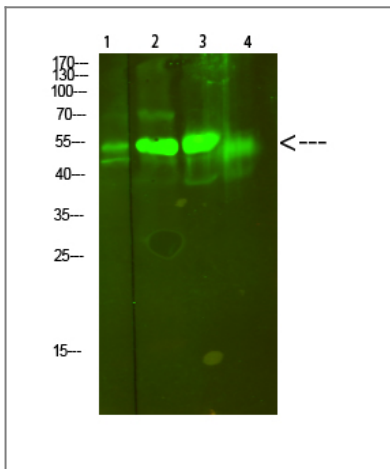
Tissue specificity

widely expressed, with highest levels in brain and lowest in liver and duodenum.

Function

Function:Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.,similarity:Belongs to the vacuolar ATPase subunit S1 family.,subunit:Composed of at least 10 subunits.,tissue specificity:Ubiquitous.,

Validation Data



Western Blot analysis of 1,mouse-lung 2,mouse-brain 3,mouse-spleen 4,mouse-kidney cells using primary antibody diluted at 1:500(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour)

Contact information

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