

VPS45 Rabbit pAb

Catalog No.: A4501

Basic Information

Observed MW

65kDa

Calculated MW

65kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse

Background

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec1 domain family, and shows a high degree of sequence similarity to mouse, rat and yeast Vps45. The exact function of this gene is not known, but its high expression in peripheral blood mononuclear cells suggests a role in trafficking proteins, including inflammatory mediators. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

11311

Swiss Prot

Q9NRW7

Immunogen

A synthetic Peptide of human VPS45

Synonyms

H1; SCN5; VSP45; VPS45A; VPS45B; VPS54A; VSP45A; H1VPS45; VPS45

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

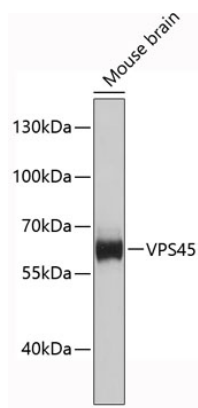
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of extracts of mouse brain, using VPS45 antibody (A4501).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.