

Product datasheet for **AP54516PU-N**

VPS45A (VPS45) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 460-489 amino acids from the C-terminal region of human VPS45
Specificity:	This antibody detects VPS45 (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	vacuolar protein sorting 45 homolog
Database Link:	Entrez Gene 11311 Human Q9NRW7



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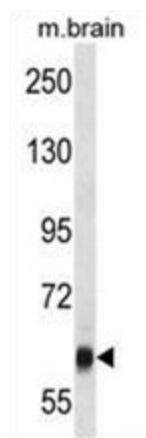
Background: Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec1 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. [provided by RefSeq].

Synonyms: VPS45A, VPS45B

Note: **Molecular Weight:** 65077 Da

Protein Pathways: Endocytosis

Product images:



VPS45 Antibody (C-term) western blot analysis in mouse brain tissue lysates (35 ug/lane). This demonstrates the VPS45 antibody detected the VPS45 protein (arrow).