

Product datasheet for **TA350608**

VPS45A (VPS45) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human VPS45
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	vacuolar protein sorting 45 homolog
Database Link:	NP_009190 Entrez Gene 22365 Mouse Entrez Gene 64516 Rat Entrez Gene 11311 Human Q9NRW7

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.

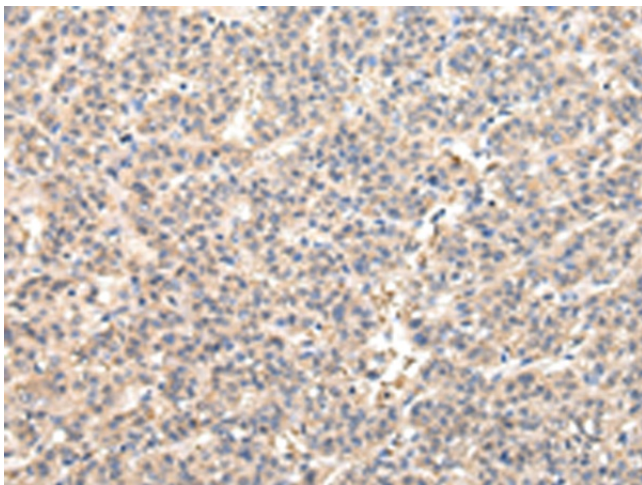


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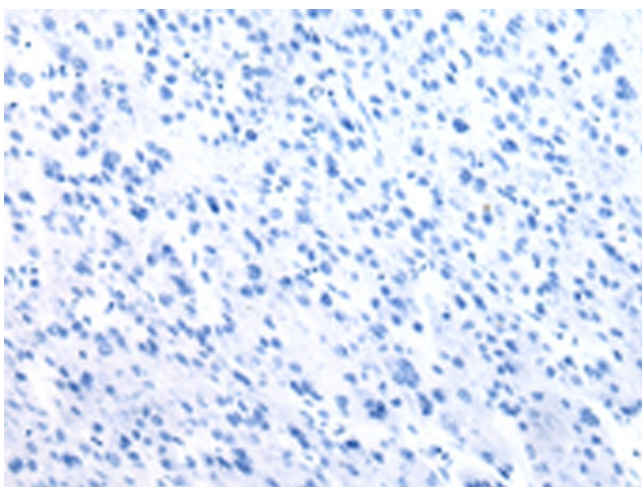
Synonyms: H1; H1VPS45; SCN5; VPS45A; VPS45B; VPS54A; VSP45; VSP45A

Protein Pathways: Endocytosis

Product images:



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350608 (VPS45 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350608 (VPS45 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)