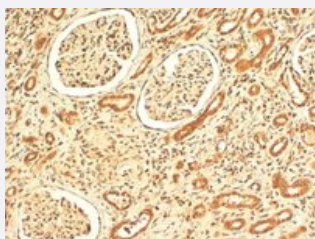


VPS41 polyclonal antibody

Catalog # PAB6823 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

VPS41 polyclonal antibody (Cat # PAB6823) (4 ug/mL) staining of paraffin embedded human kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. Similar results were obtained after antigen retrieval at pH9.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of VPS41.
Immunogen	A synthetic peptide corresponding to internal region of human VPS41.
Sequence	C-DHLKKDSQNKTLK
Host	Goat
Theoretical MW (kDa)	98.5, 95.9
Reactivity	Human
Specificity	This antibody is expected to recognize both reported isoforms (NP_055211.1 and NP_542198.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-6 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — VPS41

Entrez GeneID	27072
Protein Accession#	NP_055211.1;NP_542198.2
Gene Name	VPS41
Gene Alias	HVPS41, HVSP41, hVps41p
Gene Description	vacuolar protein sorting 41 homolog (S. cerevisiae)
Omim ID	605485
Gene Ontology	Hyperlink

Gene Summary	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 encodes the human ortholog of yeast Vps41 protein which is also conserved in Drosophila, tomato, and Arabidopsis. Expression studies in yeast and human indicate that this protein may be involved in the formation and fusion of transport vesicles from the Golgi. Several transcript variants encoding different isoforms have been described for this gene, however, the full-length nature of not all is known. [provided by RefSeq]
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Other Designations	OTTHUMP00000025247 vacuolar assembly protein 41 vacuolar protein sorting 41
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Publication Reference

- [hVPS41 is expressed in multiple isoforms and can associate with vesicles through a RING-H2 finger motif.](#)

McVey Ward D, Radisky D, Scullion MA, Tuttle MS, Vaughn M, Kaplan J.

Experimental Cell Research 2001 Jul; 267(1):126.

Disease

- [Tobacco Use Disorder](#)