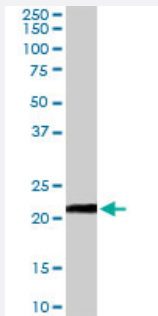


VPS25 polyclonal antibody

Catalog # PAB6937

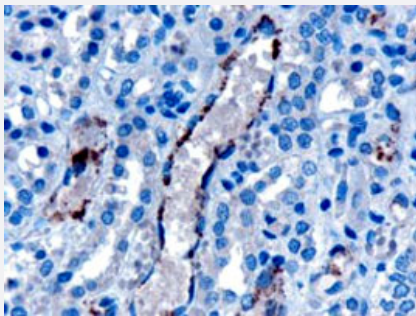
Size 100 ug

Applications



Western Blot (Tissue lysate)

VPS25 polyclonal antibody (Cat # PAB6937) (0.5 ug/mL) staining of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

VPS25 polyclonal antibody (Cat # PAB6937) (10 ug/mL) staining of paraffin embedded human kidney. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of VPS25.
Immunogen	A synthetic peptide corresponding to human VPS25.
Sequence	C-QPNVDTRQKQ
Host	Goat
Theoretical MW (kDa)	20.7
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:1000) Western Blot (0.5-1.5 ug/mL) Immunohistochemistry (10 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

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — VPS25

Entrez GeneID	84313
Protein Accession#	NP_115729.1
Gene Name	VPS25
Gene Alias	DERP9, EAP20, FAP20, MGC10540
Gene Description	vacuolar protein sorting 25 homolog (S. cerevisiae)
Omim ID	610907

Gene Ontology

[Hyperlink](#)

Gene Summary

VPS25, VPS36 (MIM 610903), and SNF8 (MIM 610904) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. VPS25, VPS36, and SNF8 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).[supplied by OMIM]

Other Designations

vacuolar protein sorting 25

Publication Reference

- [The Drosophila tumor suppressor vps25 prevents nonautonomous overproliferation by regulating notch trafficking.](#)

Vaccari T, Bilder D.

Developmental Cell 2005 Nov; 9(5):687.

Application: IS, Drosophila, Eye

Pathway

- [Endocytosis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)