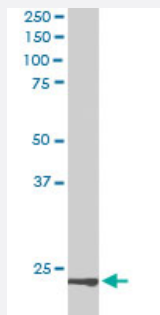


VPS28 polyclonal antibody

Catalog # PAB6584

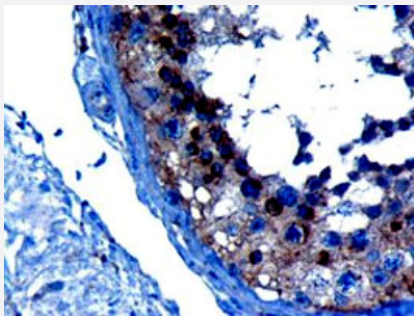
Size 100 ug

Applications



Western Blot (Tissue lysate)

VPS28 polyclonal antibody (Cat # PAB6584) staining (1 ug/mL) of human testis lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



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

VPS28 polyclonal antibody (Cat # PAB6584) (10 ug/mL) staining of paraffin embedded human testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of VPS28.
Immunogen	A synthetic peptide corresponding to human VPS28.
Sequence	C-ESAYNAFNRFLHA
Host	Goat
Theoretical MW (kDa)	25.4
Reactivity	Human
Specificity	This antibody is expected to recognize isoform 1 (NP_057292.1) only.

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 (1-3 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

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — VPS28

Entrez GeneID	51160
Protein Accession#	NP_057292.1
Gene Name	VPS28
Gene Alias	MGC60323
Gene Description	vacuolar protein sorting 28 homolog (S. cerevisiae)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a protein involved in endosomal sorting of cell surface receptors via a multivesicular body/late endosome pathway. The encoded protein is one of the three subunits of the ESCRT-I complex (endosomal complexes required for transport) involved in the sorting of ubiquitinated proteins. The two other subunits of ESCRT-I are vesicular protein sorting 23, also known as tumor susceptibility gene 101 (TSG101), and vesicular protein sorting 37. Two alternative transcripts encoding different isoforms have been described. Additional alternative transcripts may exist but the proteins encoded by these transcripts have not been verified experimentally. [provided by RefSeq]

Other Designations

vacuolar protein sorting 28|yeast class E protein Vps28p homolog

Publication Reference

- [TSG101/mammalian VPS23 and mammalian VPS28 interact directly and are recruited to VPS4-induced endosomes.](#)

Bishop N, Woodman P.

The Journal of Biological Chemistry 2001 Apr; 276(15):11735.

Application: IF, WB-Ce, Monkey, Rat, COS, NRK cells

Pathway

- [Endocytosis](#)