

**Goat Anti-VPS28 Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2151a****Specification**

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**Goat Anti-VPS28 Antibody - Product Information**

Application	WB, IHC, E
Primary Accession	<a href="#">Q9UK41</a>
Other Accession	<a href="#">NP_057292</a> , <a href="#">51160</a> , <a href="#">66914 (mouse)</a>
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	25425

**Goat Anti-VPS28 Antibody - Additional Information****Gene ID** 51160**Other Names**

Vacuolar protein sorting-associated protein 28 homolog, H-Vps28, ESCRT-I complex subunit VPS28, VPS28

**Dilution**WB~~1:1000  
IHC~~1:100~500  
E~~N/A**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-VPS28 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-VPS28 Antibody - Protein Information****Name** VPS28**Function**

Component of the ESCRT-I complex, a regulator of vesicular trafficking process.

**Cellular Location**

Cell membrane. Late endosome membrane; Peripheral membrane protein

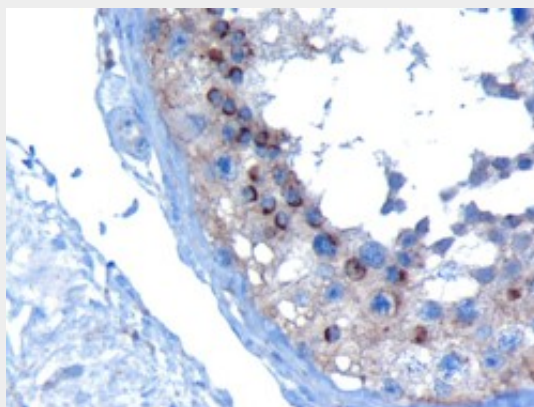
**Goat Anti-VPS28 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat Anti-VPS28 Antibody - Images**

AF2151a staining (1 µg/ml) of Human Testis lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



AF2151a (10 µg/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval

with Tris/EDTA buffer pH9, HRP-staining.

### **Goat Anti-VPS28 Antibody - Background**

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.

### **Goat Anti-VPS28 Antibody - References**

Budding of filamentous and non-filamentous influenza A virus occurs via a VPS4 and VPS28-independent pathway. Bruce EA, et al. Virology, 2009 Aug 1. PMID 19524996.  
An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.  
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Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.  
A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.