

## Goat anti-VPS28 Antibody

Item Number	dAP-0296
Target Molecule	Principle Name: VPS28; Official Symbol: VPS28; All Names and Symbols: VPS28; vacuolar protein sorting 28 (yeast); vacuolar protein sorting 28 homolog (S. cerevisiae); MGC60323; vacuolar protein sorting 28; yeast class E protein Vps28p homolog; Accession Number (s): NP_057292.1; Human Gene ID(s): 51160; Non-Human GeneID(s): 66914 (mouse)
Immunogen	ESAYNAFNRFLHA, is from C Terminus This antibody is expected to recognize isoform 1 (NP_057292.1) only.
Applications	Pep ELISA, WB, IHC  Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Approx 24kDa band observed in H460, Human Testis and Brain lysates (predicted MW of 25kDa according to NP_057292.1). Recommended for use at 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Testis, stains acrosomal head caps in round spermatids. Recommended concentration: 10µg/ml.
Reference	Reference(s): Bishop N, Woodman P. TSG101/mammalian VPS23 and mammalian VPS28 interact directly and are recruited to VPS4-induced endosomes. J Biol Chem. 2001 Apr 13;276(15):11735-42.. PMID: 11134028 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**