

Goat anti-VPS25 Antibody

Item Number	dAP-0759
Target Molecule	Principle Name: VPS25; Official Symbol: VPS25; All Names and Symbols: VPS25; vacuolar protein sorting 25 (yeast); HGNC:28122; DERP9; EAP20; MGC10540; vacuolar protein sorting 25; vacuolar protein sorting 25 homolog (S. cerevisiae); FAP20; Accession Number (s): NP_115729.1; Human Gene ID(s): 84313; Non-Human GenoID(s):
Immunogen	QPNVDTRQKQ, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
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 32000.
Western Blot	Western Blot: Approx. 22kDa band observed in Rat Kidney lysates (calculated MW of 20.7kDa according to human NP_115729.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded human kidney, shows granular cytoplasmic staining of endothelial cells. Data obtained from the previous batch (different goat). Recommended concentration, 10µg/ml.
Reference	Reference(s): Vaccari T, Bilder D. The Drosophila Tumor Suppressor vps25 Prevents Nonautonomous Overproliferation by Regulating Notch Trafficking. <i>Dev Cell.</i> 2005 Nov;9(5):687-98. PMID: 16256743 ->

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 end users! This product is sold for **Research Use Only**