

## Goat anti-VPS25 Antibody

<b>Item Number</b>	dAP-0759
<b>Target Molecule</b>	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 GeneID(s):
<b>Immunogen</b>	QPNVDTRQKQ, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	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.
<b>IHC</b>	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.
<b>Reference</b>	Reference(s): Vaccari T, Bilder D. The Drosophila Tumor Suppressor vps25 Prevents Nonautonomous Overproliferation by Regulating Notch Trafficking. Dev Cell. 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 ender users! This product is sold for **Research Use Only**