

## Goat anti-VHL, Biotinylated Antibody

<b>Item Number</b>	dAP-3349
<b>Target Molecule</b>	Principle Name: VHL, Biotinylated; Official Symbol: VHL; All Names and Symbols: VHL; von Hippel-Lindau tumor suppressor, E3 ubiquitin protein ligase; HRCA1; RCA1; VHL1; pVHL; elongin binding protein; protein G7; Accession Number (s): NP_000542.1; NP_937799.1; XP_011532380.1; Human Gene ID(s): 7428; Non-Human GeneID(s): 22346 (mouse) 24874 (rat)
<b>Immunogen</b>	RSLVKPENYRRRLD., is from internal region This antibody is expected to recognise both reported isoforms (NP_000542.1 and NP_937799.1).
<b>Applications</b>	Pep ELISA, WB, EIA  Species Tested: Human, Mouse, 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 128000.
<b>Western Blot</b>	Western Blot: Approx 17kDa band observed in Human Ovary lysates (calculated MW of 19.7kDa according to NP_937799.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Kong X, Lin Z, Liang D, Fath D, Sang N, Caro J. Histone deacetylase inhibitors induce VHL and ubiquitin-independent proteasomal degradation of hypoxia-inducible factor 1alpha. Molecular and cellular biology 2006 Mar 26 (6): 2019-28..PMID: 16507982->

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**