



## Goat anti-PHR1 Antibody

<b>Item Number</b>	dAP-1646
<b>Target Molecule</b>	Principle Name: PHR1; Official Symbol: PLEKHB1; All Names and Symbols: PLEKHB1; pleckstrin homology domain containing, family B (evectins) member 1; KPL1; PHR1; PHRET1; PH domain containing protein in retina 1; PH domain containing, retinal 1; evectin-1; Accession Number (s): NP_067023.1; NP_001123506.1; NP_001123505.1; NP_001123507.1; NP_001123508.1;; Human Gene ID(s): 58473; Non-Human GeneID(s): 27276 (mouse) 64471 (rat)
<b>Immunogen</b>	PPDSEALSPFEE, is from N Terminus This antibody is expected to recognize reported isoforms a (NP_067023.1) and c (NP_001123505.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: 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 16000.
<b>Western Blot</b>	Western Blot: Approx. 25kDa band observed in Rat Brain lysates (calculated MW of 25.2kDa according to Rat NP_742030.1 (Evectin-1) and of 27.2kDa according to Human NP_067023.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Andrews KL, Potdar PD, Nettesheim P, Ostrowski LE. KPL1, which encodes a novel PH domain-containing protein, is induced during ciliated cell differentiation of rat tracheal epithelial cells. Exp Lung Res. 2000 Jun;26(4):257-71..PMID: 10923244->

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**