

## Goat anti-PREX1 Antibody

<b>Item Number</b>	dAP-1883
<b>Target Molecule</b>	Principle Name: PREX1; Official Symbol: PREX1; All Names and Symbols: PREX1; phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1; KIAA1415; P-REX1; OTTHUMP00000031228; phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1; Accession Number (s): NP_065871.2; Human Gene ID(s): 57580; Non-Human GenelD(s): 277360 (mouse) 311647 (rat)
<b>Immunogen</b>	ERSNLPTDASTTA, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<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 150kDa band observed in Human Brain (Temporal Cortex) lysates (calculated MW of 186kDa according to NP_065871.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 10µg/ml.
<b>Reference</b>	Reference(s): Qin J, Xie Y, Wang B, Hoshino M, Wolff DW, Zhao J, Scofield MA, Dowd FJ, Lin MF, Tu Y. Upregulation of PIP3-dependent Rac exchanger 1 (P-Rex1) promotes prostate cancer metastasis. <i>Oncogene</i> 2009 Apr 28 (16): 1853-63..PMID: 19305425->

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**