

Goat anti-PHLDA2 / IPL Antibody

Item Number	dAP-0281
Target Molecule	Principle Name: PHLDA2 / IPL; Official Symbol: PHLDA2; All Names and Symbols: PHLDA2; pleckstrin homology-like domain, family A, member 2; TSSC3; IPL; BRW1C; BWR1C; HLDA2; PHLDA2; tumor suppressing subtransferable candidate 3; tumor-supressing STF cDNA 3; imprinted in placenta and liver; p17-Beckwith-Wiedemann region 1C; pleckstrin; Accession Number (s): NP_003302.1; Human Gene ID(s): 7262; Non-Human GeneID(s):
Immunogen	EPSRPSPQPKPRTP, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
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: Preliminary experiments gave no signal but low background in Jurkat and human placenta extracts at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Placenta shows staining of the syncytiotrophoblasts. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Qian N, Frank D, O'Keefe D, Dao D, Zhao L, Yuan L, Wang Q, Keating M, Walsh C, Tycko B. The IPL gene on chromosome 11p15.5 is imprinted in humans and mice and is similar to TDAG51, implicated in Fas expression and apoptosis. Hum Mol Genet. 1997 Nov;6(12):2021-9.. PMID: 9328465 ->

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**