



Goat anti-INADL / PATJ Antibody

Item Number	dAP-0295
Target Molecule	Principle Name: INADL / PATJ; Official Symbol: INADL; All Names and Symbols: INADL; PATJ; PDZ domain protein (Drosophila inAD-like); protein associated to tight junctions; InaD-like (Drosophila); RP4-537K17.1; Cipp; FLJ26982; InaD-like; InaD-like; PALS 1-associated tight junction protein; PDZ domain protein; channel-interacting PDZ; Accession Number (s): NP_795352.2; Human Gene ID(s): 10207; Non-Human GeneID(s):
Immunogen	PENPATDKLQVLQ, is from N 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 in Human Brain and Kidney lysates consistently showed a strong band at 100kDa followed by bands at ~55kDa, 45kDa and 40kDa at 1ug/ml. Please note that currently we cannot find an explanation in the literature for the
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows strong staining of spermatids. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Philipp S, Flockerzi V. Molecular characterization of a novel human PDZ domain protein with homology to INAD from Drosophila melanogaster. FEBS Lett. 1997 Aug 18;413(2):243-8..PMID: 9280290 ->

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**