

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06197 - Goat Anti-INADL / PATJ Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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, PALS1-associated tight junction protein, PDZ domain protein, channel-interacting PDZ domain protein, inactivation no after-potential D-like protein

**Official Symbol:** INADL

**Accession Number(s):** NP\_795352.2

**Human GeneID(s):** [10207](#)

### Immunogen

Peptide with sequence PENPATDKLQVLQ-C, from the N Terminus of the protein sequence according to NP\_795352.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**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 bands we observe given the predicted size of approx. 196Kda according to NP\_795352.2.

We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? Is this protein particularly susceptible to proteolysis?

**IHC:** In paraffin embedded Human Testis shows strong staining of spermatids.

Recommended concentration, 3-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Pig, Cow

EB06197 (3.8µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.