

## UK Office

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

## EB06184 - Goat Anti-PHLDA2 / IPL Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PHLDA2, pleckstrin homology-like domain, family A, member 2, TSSC3, IPL, BRW1C, BWR1C, HLDA2, PHLDA2, tumor suppressing subtransferable candidate 3, tumor-suppressing STF cDNA 3, imprinted in placenta and liver, p17-Beckwith-Wiedemann region 1C, pleckstrin homology-like domain family A member 2, tumor suppressing subchromosomal transferable fragment cDNA 3, tumor suppressing subtransferable candidate 3, tumor-suppressing STF cDNA 3

**Official Symbol:** PHLDA2

**Accession Number(s):** NP\_003302.1

**Human GeneID(s):** [7262](#)

### Immunogen

Peptide with sequence C-EPSRPSPQPKRTP, from the C Terminus of the protein sequence according to NP\_003302.1.

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 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:** In paraffin embedded Placenta shows staining of the syncytiotrophoblasts. Recommended concentration, 3-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06184 (3.8µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.