



## International Office

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

## EB12308 - Goat Anti-PTGDS Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PTGDS, prostaglandin D2 synthase 21kDa (brain), L-PGDS, LPGDS, PDS, PGD2, PGDS, PGDS2, PGD2 synthase, beta-trace protein, cerebrin-28, glutathione-independent PGD synthase, glutathione-independent PGD synthetase, lipocalin-type prostaglandin D synthase, I

**Official Symbol:** PTGDS

**Accession Number(s):** NP\_000945.3

**Human GeneID(s):** [5730](#)

**Important Comments:** The immunizing peptide represents the N terminus of the mature protein.

### Immunogen

Peptide with sequence C-QVSVQPNFQQDK, from the internal region of the protein sequence according to NP\_000945.3.

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 1:128000.

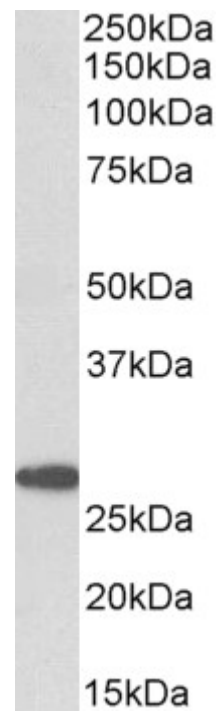
**Western blot:** Approx 27kDa band observed in Human Brain (Cerebellum, Frontal Cortex) lysates (calculated MW of 21.0kDa according to NP\_000945.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml.

**IHC:** Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

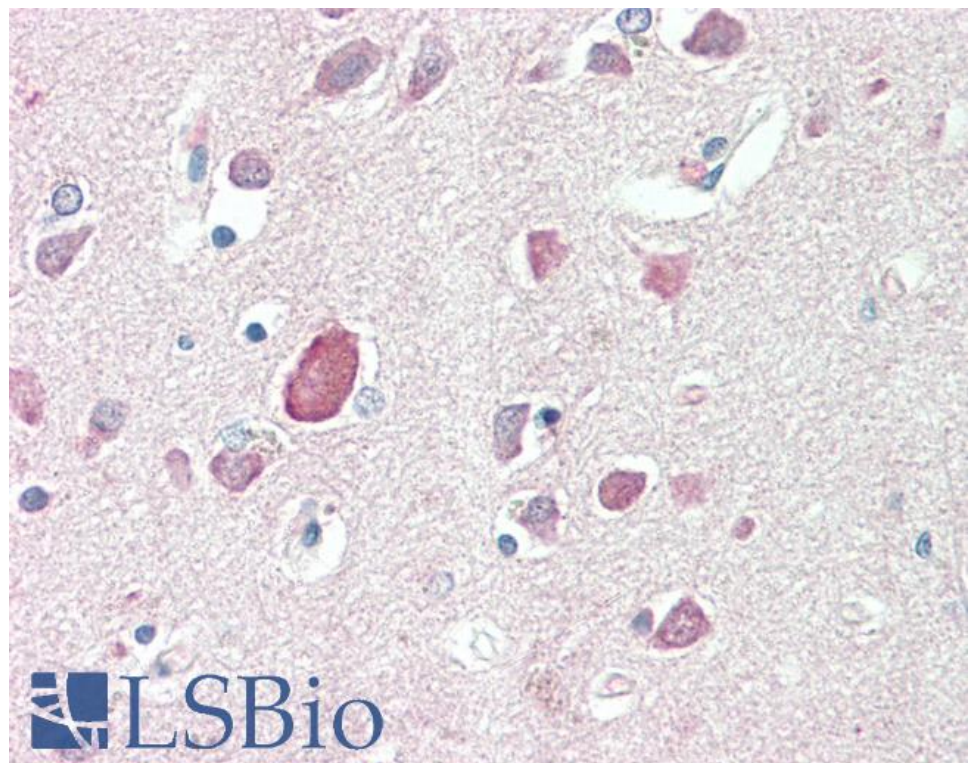
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12308 (0.3 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB12308 (5 $\mu$ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.