

International Office

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

EB11412 - Goat Anti-Ptgds (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: glutathione-independent PGD synthase, glutathione-independent PGD synthetase, lipocalin-type prostaglandin-D synthase, L-PGDS, PGD2, PGD2 synthase, PGDS, PGDS2, prostaglandin D2 synthase (21 kDa, brain), prostaglandin D2 synthase (brain), prostaglandin-D2 synthase, prostaglandin-H2 D-isomerase, Ptgs3, RP23-47P18.11-006, 21kDa, Ptgds

Official Symbol: Ptgds

Accession Number(s): NP_032989.2

Non-Human GeneID(s): 19215 (mouse)

Immunogen

Peptide with sequence C-YSRTQTLKDELKEK, from the internal region of the protein sequence according to NP_032989.2.

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 1:8000.

Western blot: Approx 26kDa band observed in Mouse Brain and Mouse fetal Brain lysates (calculated MW of 21.1kDa according to NP_032989.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse



EB11412 (0.1µg/ml) staining of Mouse fetal Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.