

Goat anti-Ptgds (mouse) Antibody

Item Number dAP-2610

Target Molecule Principle Name: Ptgds (mouse); Official Symbol: Ptgds; All Names and Symbols: Ptgds; prostaglandin D2 synthase (brain); RP23-47P18.11-006, 21kDa; L-PGDS; PGD2; PGDS; PGDS2; Ptgs3; PGD2 synthase; glutathione-independent PGD synthase; glutathione-independent PGD synthetase; lipocalin-type prostaglandin-D synthase; prostaglandin D2 sy; Accession Number (s): NP_032989.2; Human Gene ID(s): ; Non-Human GeneID(s): 19215 (mouse)

Immunogen YSRTQTLKDELKEK, is from internal region

Applications Pep ELISA, WB

Species Tested: Mouse

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 8000.

Western Blot Western Blot: Approx 26kDa band observed in Mouse Brain and Mouse fetal Brain lysates (calculated MW of 21.1kDa according to NP_032989.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources

IHC

Reference Reference(s): Matsumoto T, Eguchi Y, Oda H, Yamane T, Tarutani Y, Ozawa T, Hayashi H, Nakae I, Horie M, Urade Y. Lipocalin-type prostaglandin D synthase is associated with coronary vasospasm and vasomotor reactivity in response to acetylcholine. Circ J. 2011 Apr;75(4):897-904.. PMID: 21325722->

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 end users! This product is sold for **Research Use Only**