

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; Ptgds3; 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 source
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 ender users! This product is sold for **Research Use Only**