

PTGDS

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:21kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human PTGDS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS;

Background:

The protein encoded by this gene is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H2 (PGH2) to postaglandin D2 (PGD2). PGD2 functions as a neuromodulator as well as a trophic factor in the central nervous system. PGD2 is also involved in smooth muscle contraction/relaxation and is a potent inhibitor of platelet aggregation. This gene is preferentially expressed in brain. Studies with transgenic mice overexpressing this gene suggest that this gene may be also involved in the regulation of non-rapid eye movement sleep.

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Catalog #:A1889

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5730

Isotype:IgG

Swiss Prot:P41222

Purity:Affinity purification

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