
Product Information

Product SKU:	CAB1889	Gene ID:	5730	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	28kDa	Conjugate:	Unconjugated
Calculated MW:	21kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H2 (PGH2) to prostaglandin 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.

Recommended Dilution: WB,1:100 - 1:500 IF/ICC,1:50 - 1:100

Synonyms: PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS; PTGDS

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 23-190 of human PTGDS (NP_000945.3).

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