

Prostaglandin D Synthase Rabbit pAb

db7948

Package : 20µL 50µL 100µL

Product Name : Prostaglandin D Synthase Rabbit pAb**Cat.No.:** db7948**Synonyms** : PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Prostaglandin D Synthase

Gene ID

5730

Swiss Prot

P41222

Synonyms

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

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF

Recommended dilution

WB: 1:1000

IHC: 1:20

ICC/IF: 1:20

Calculated MW

21 kDa

Observed MW

26 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.