

## Prostaglandin D Synthase Recombinant Rabbit mAb

Catalog: BS46734

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The protein encoded by this gene is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H<sub>2</sub> (PGH<sub>2</sub>) to prostaglandin D<sub>2</sub> (PGD<sub>2</sub>). PGD<sub>2</sub> functions as a neuromodulator as well as a trophic factor in the central nervous system. PGD<sub>2</sub> 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]

### Product:

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.

### Molecular Weight:

26 kDa

### Swiss-Prot:

P41222

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000 IHC: 1:20 ICC/IF: 1:20

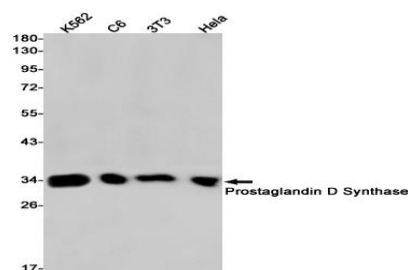
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of Prostaglandin D Synthase in K562, C6, 3T3, HeLa cell lysates using Prostaglandin D Synthase antibody (1:1000 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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