

PTGDS antibody

Product Information

Catalog No.:	FNab06914
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	prostaglandin D2 synthase 21kDa (brain)
Synonyms:	Prostaglandin-H2 D-isomerase Beta-trace protein Cerebrin-28 Glutathione-independent PGD synthase Lipocalin-type prostaglandin-D synthase (L-PGDS) Prostaglandin-D2 synthase (PGD2 synthase, PGDS, PGDS2) PTGDS PDS
Observed MW:	21-28 kDa
Uniprot ID :	P41222

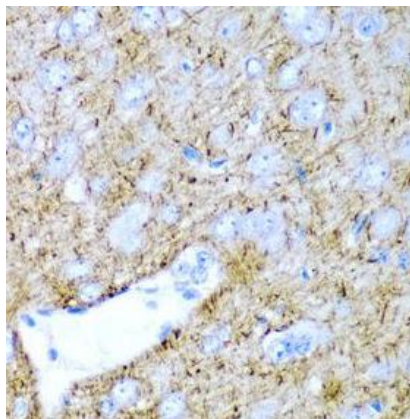
Application

Reactivity:	Human, Mouse, Rat
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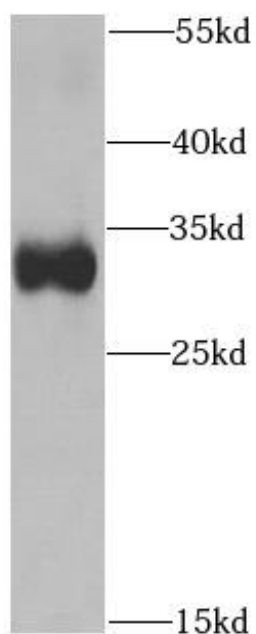
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat brain using FNab06914(PTGDS antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06914(PTGDS antibody) at dilution of 1:1000