



[Go to Product page](#)

Datasheet for ABIN5539880

anti-PTGDS antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	PTGDS
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PTGDS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	PTGDS
Sequence:	QVSVQPNFQQ DK
Isotype:	IgG
Specificity:	The immunizing peptide represents the N terminus of the mature protein.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

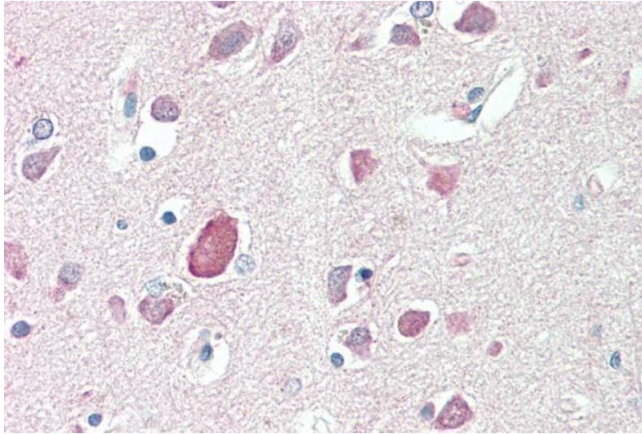
Target:	PTGDS
Alternative Name:	PTGDS (PTGDS Products)
Background:	PTGDS, prostaglandin D2 synthase 21 kDa (brain), L-PGDS, LPGDS, PDS, PGD2, PGDS, PGDS2, PGD2 synthase, beta-trace protein, cerebrin-28, glutathione-independent PGD synthase, glutathione-independent PGD synthetase, lipocalin-type prostaglandin D synthase, I
Gene ID:	5730
NCBI Accession:	NP_000945

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5 µg/mL. Western Blot: Approx 27 kDa band observed in Human Brain (Cerebellum, Frontal Cortex) lysates (calculated MW of 21.0 kDa according to NP_000945.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

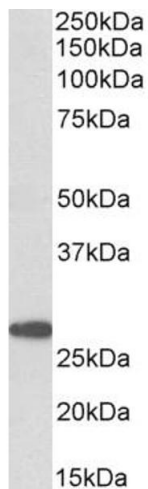
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539880 (5 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN5539880 (0.3 μ g/ml) staining of Human Cerebellum lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.