Datasheet for ABIN987281

anti-PTGDS antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	PTGDS
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Ptgds (mouse)
Immunogen:	Peptide with sequence C-YSRTQTLKDELKEK, from the internal region of the protein sequence according to NP_032989.2.
Sequence:	YSRTQTLKDE LKEK
Isotype:	IgG
Cross-Reactivity:	Mouse
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 (brain), RP23-47P18.11-006, 21 kDa, L-PGDS, PGD2, PGDS, PGDS2, Ptgs3, PGD2 synthase, glutathione-independent PGD synthase, glutathione-independent PGD synthetase, lipocalin-type prostaglandin-D synthase, prostaglandin D2 sy
Gene ID:	19215
NCBI Accession:	NP_032989

Application Details

Application Notes:	Western Blot: Approx 26 kDa band observed in Mouse Brain and Mouse fetal Brain lysates (calculated MW of 21.1 kDa according to NP_032989.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
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.

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Western Blotting

Image 1. ABIN987281 (0.1µg/ml) staining of Mouse fetal Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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