



[Go to Product page](#)

Datasheet for ABIN540321

anti-PTGDS antibody (AA 1-50)

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	PTGDS
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGDS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against partial recombinant PTGDS.
Immunogen:	Recombinant protein corresponding to amino acids 1-50 of human PTGDS.
Specificity:	The epitope recognized by this antibody maps to region within residue 1-50 of human PTGDS. [Swiss-Prot# P41222]
Cross-Reactivity:	Cat, Cow, Horse, Human, Monkey, Mouse, Pig, Primate, Rabbit, Rat

Target Details

Target:	PTGDS
Alternative Name:	PTGDS (PTGDS Products)
Gene ID:	5730

Application Details

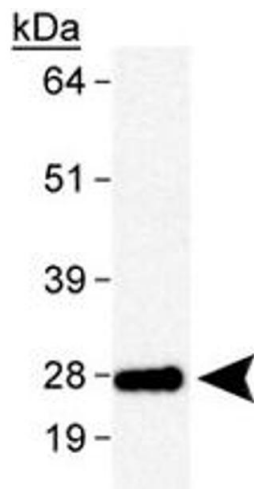
Application Notes:	Western Blot (2 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (30 % glycerol, 0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	<p>Trimarco, Forese, Alfieri, Lucente, Brambilla, Dina, Pieragostino, Sacchetta, Urade, Boizet-Bonhoure, Martinelli Boneschi, Quattrini, Taveggia: "Prostaglandin D2 synthase/GPR44: a signaling axis in PNS myelination." in: Nature neuroscience, Vol. 17, Issue 12, pp. 1682-92, (2014) (PubMed).</p> <p>Kanekiyo, Ban, Aritake, Huang, Qu, Okazaki, Mohri, Murayama, Ozono, Taniike, Goto, Urade: "Lipocalin-type prostaglandin D synthase/beta-trace is a major amyloid beta-chaperone in human cerebrospinal fluid." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 104, Issue 15, pp. 6412-7, (2007) (PubMed).</p>
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Western Blotting

Image 1. Western blot analysis of PTGDS in human brain lysates with PTGDS polyclonal antibody at 0.5 and 2.0 ug/mL .