

Product Datasheet

PGD2 Synthase/PTGDS Antibody - BSA Free NB110-59909

Unit Size: 0.1 ml

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

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NB110-59909

PGD2 Synthase/PTGDS Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol
Target Molecular Weight	21 kDa

Product Description

Host	Rabbit
Gene ID	5730
Gene Symbol	PTGDS
Species	Human, Mouse, Rat, Porcine, Bovine, Equine, Feline, Fish, Primate, Rabbit
Reactivity Notes	Fish reactivity reported in scientific literature (PMID: 31401171).
Immunogen	The epitope recognized by this antibody maps to region within residue 25-100 of human Prostaglandin D Synthase/Lipocalin. [Swiss-Prot# P41222]

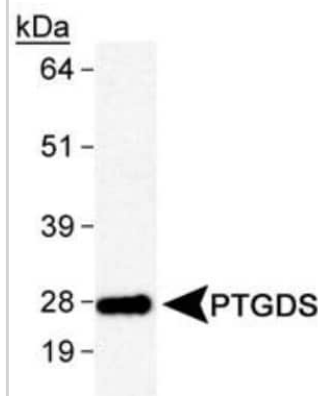
Product Application Details

Applications	Western Blot, Simple Western
Recommended Dilutions	Western Blot 2 ug/ml, Simple Western 1:50
Application Notes	This Prostaglandin D Synthase/Lipocalin antibody is useful for Western blot analysis where a band can be seen at approx. 21 kDa. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Human Brain lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:50, apparent MW was 49 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.



Images

Western Blot: PGD2 Synthase/PTGDS Antibody [NB110-59909] - Detection of Prostaglandin D Synthase/Lipocalin in human brain lysates (NB820-59177) using NB110-59909.



Simple Western: PGD2 Synthase/PTGDS Antibody [NB110-59909] - Simple Western lane view shows a specific band for PGD2/Synthase/PTGDS in 0.5 mg/ml of Human Brain lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Wang T, Zhu W, Zhang H et al. Integrated analysis of proteomics and metabolomics reveals the potential sex determination mechanism in *Odontobutis potamophila* J Proteomics 2019-08-08 [PMID: 31401171] (WB, Fish)

Takeda K, Takahashi NH, Yoshizawa M, Shibahara S. Lipocalin-type prostaglandin D synthase as a regulator of the retinoic acid signalling in melanocytes. J Biochem 2010-08-01 [PMID: 20403807] (WB, Human)



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Products Related to NB110-59909

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
NB110-59909PEP	PGD2 Synthase/PTGDS Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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