

Product Datasheet

PLC-beta 1 Antibody - BSA Free NBP2-38220

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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Updated 2/23/2025 v.20.1

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NBP2-38220

PLC-beta 1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

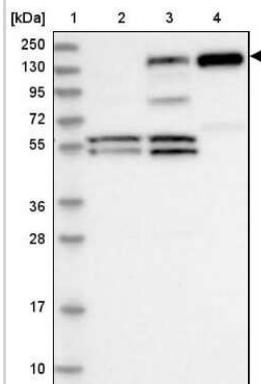
Product Description	
Host	Rabbit
Gene ID	23236
Gene Symbol	PLCB1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: NKKKSHKSSEGS GKKKLSEQASNTYSDSSSMFEPSSPGAGEADTESDDDDDD DDCKKSSMDEGTAGSEAMATEEMS NLVN

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

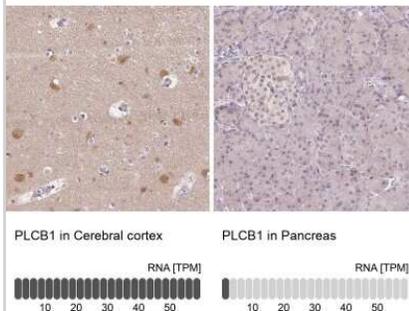


Images

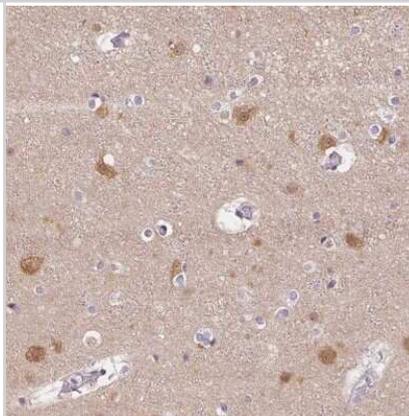
Western Blot: PLC-beta 1 Antibody [NBP2-38220] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG. Lane 4: Human Plasma



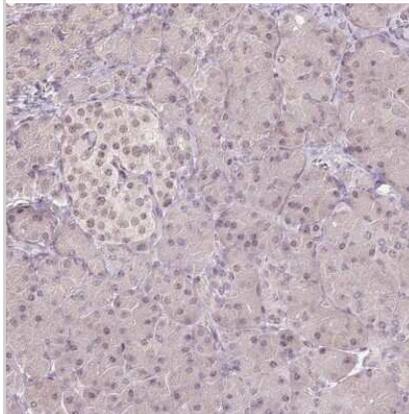
Immunohistochemistry-Paraffin: PLC-beta 1 Antibody [NBP2-38220] - Staining in human cerebral cortex and pancreas tissues using anti-PLCB1 antibody. Corresponding PLCB1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: PLC-beta 1 Antibody [NBP2-38220] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: PLC-beta 1 Antibody [NBP2-38220] - Staining of human pancreas shows low expression as expected.



Publications

Lee J, Kwag J Activation of PLC beta 1 enhances endocannabinoid mobilization to restore hippocampal spike-timing-dependent potentiation and contextual fear memory impaired by Alzheimer's amyloidosis Alzheimer's research & therapy 2021-10-08 [PMID: 34625112] (WB, Rat)



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Products Related to NBP2-38220

NBP2-38220PEP	PLC-beta 1 Recombinant Protein Antigen
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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