

Product Datasheet

PLC-beta 3 Antibody - BSA Free NBP2-31974

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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NBP2-31974

PLC-beta 3 Antibody - BSA Free

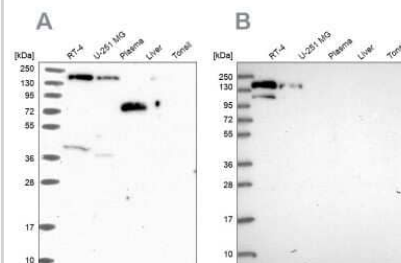
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5331
Gene Symbol	PLCB3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (84%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: ALIGESEAQAGQETCQDTQSQQQLGSQPSSNPTPSPLDASPRRPPGPTTSPAS TSLSSPGQRDDLIASILSEVAPTPLDELRGHKALVKLRSRQERDLRELKKHQR K

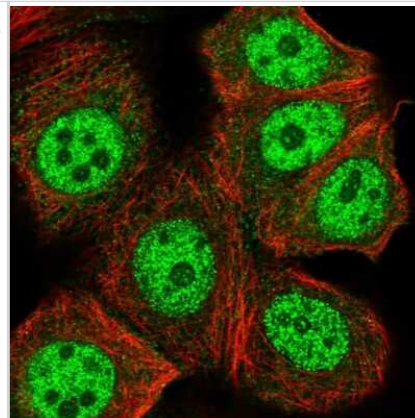
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

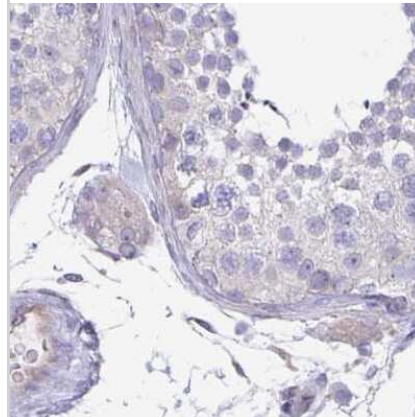
Western Blot: PLC-beta 3 Antibody [NBP2-31974] - Analysis using Anti-PLCB3 antibody NBP2-31974 (A) shows similar pattern to independent antibody NBP2-32026 (B).



Immunocytochemistry/Immunofluorescence: PLC-beta 3 Antibody [NBP2-31974] - Immunofluorescent staining of human cell line MCF7 shows localization to nucleoplasm.



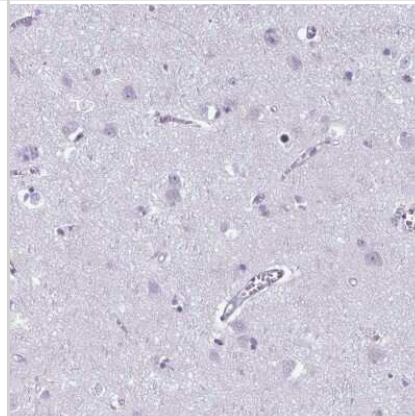
Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining of human testis.



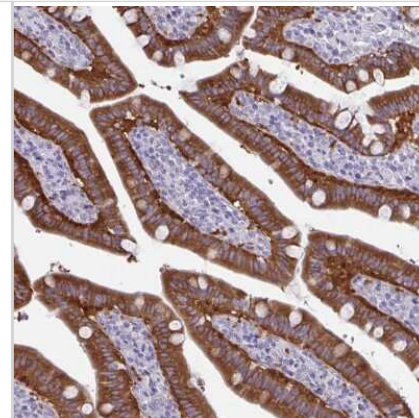
Immunohistochemistry: PLC-beta 3 Antibody [NBP2-31974] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



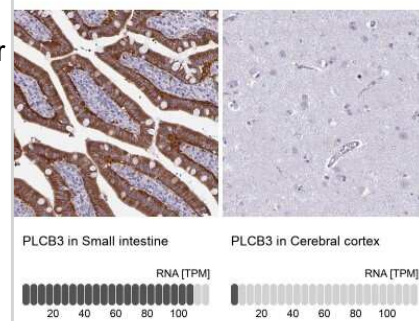
Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining of human cerebral cortex shows low expression as expected.



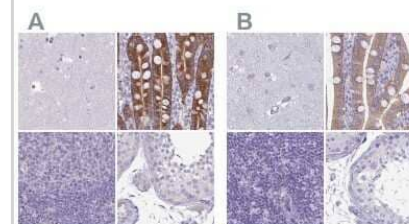
Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining of human small intestine shows high expression.



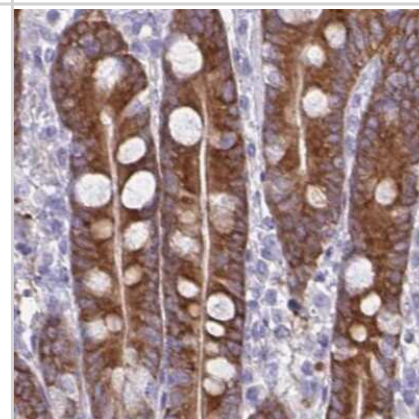
Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining in human small intestine and cerebral cortex tissues using anti-PLCB3 antibody. Corresponding PLCB3 RNA-seq data are presented for the same tissues.



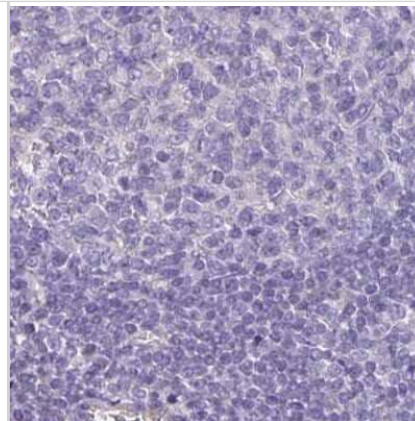
Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining of human cerebral cortex, duodenum, lymph node and testis using Anti-PLCB3 antibody NBP2-31974 (A) shows similar protein distribution across tissues to independent antibody NBP2-32026 (B).



Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining of human duodenum.



Immunohistochemistry-Paraffin: PLC-beta 3 Antibody [NBP2-31974] - Staining of human lymph node.





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Products Related to NBP2-31974

NBP2-31974PEP	PLC-beta 3 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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