

Product Datasheet

PKC alpha Antibody - BSA Free NBP1-87268

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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NBP1-87268

PKC alpha Antibody - BSA Free

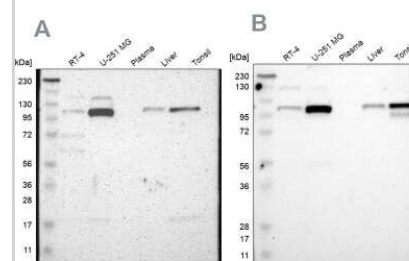
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 | 5578 |
| Gene Symbol | PRKCA |
| Species | Human, Mouse, Rat |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: RTRRNDFMGSLSFVSELMKMPASGWYKLLNQEEGEYYNVPIPEGDEEGNME LRQKFEKAKLGPAGNKVISPSEDRKQPSNNLDRVKLTDFNFLMVLGKGSFGKV MLADRKGTEELYAIKILKKDVV |

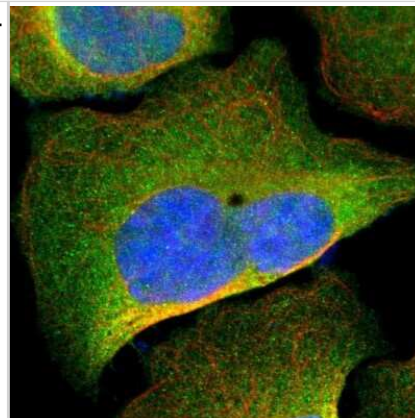
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

Images

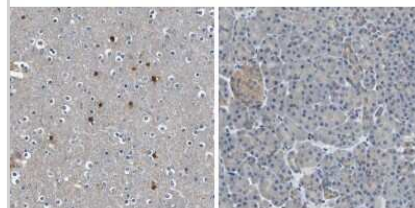
Western Blot: PKC alpha Antibody [NBP1-87268] - Analysis using Anti-PRKCA antibody NBP1-87268 (A) shows similar pattern to independent antibody NBP1-87269 (B).



Immunocytochemistry/Immunofluorescence: PKC alpha Antibody [NBP1-87268] - Staining of human cell line U-2 OS shows localization to plasma membrane and cytosol. Antibody staining is shown in green.

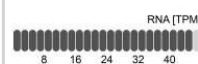


Immunohistochemistry-Paraffin: PKC alpha Antibody [NBP1-87268] - Staining in human cerebral cortex and pancreas tissues using anti-PRKCA antibody. Corresponding PRKCA RNA-seq data are presented for the same tissues.

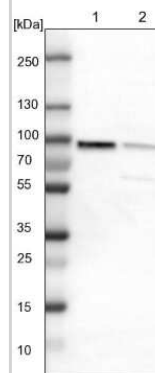


PRKCA in Cerebral cortex

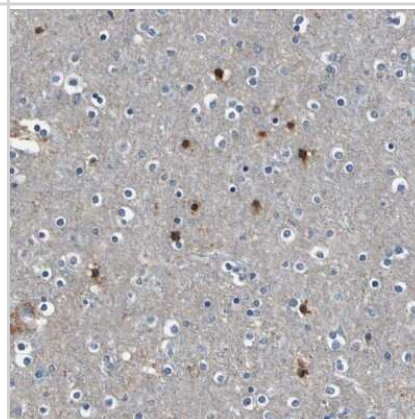
PRKCA in Pancreas



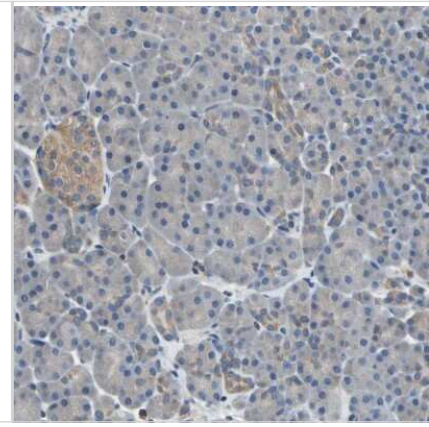
Western Blot: PKC alpha Antibody [NBP1-87268] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Immunohistochemistry-Paraffin: PKC alpha Antibody [NBP1-87268] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: PKC alpha Antibody [NBP1-87268] - Staining of human pancreas shows low expression as expected.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-87268

| | |
|---------------|---|
| NBP1-87268PEP | PKC alpha 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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