

# Product Datasheet

## PKC alpha Antibody - BSA Free NBP1-87269

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 2/21/2025 v.20.1

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**NBP1-87269**

PKC alpha Antibody - BSA Free

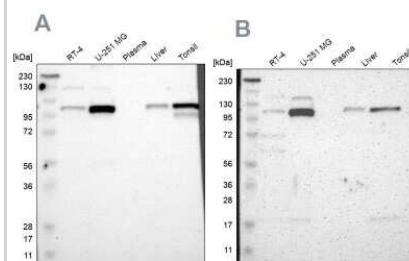
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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: CVINVPSLCGMDHTEKRGRIYLKAEVADEKLHVTVRDAKNLIPMDPNGLSDPYV KLKLIPDPKNEKQKTKTIRST

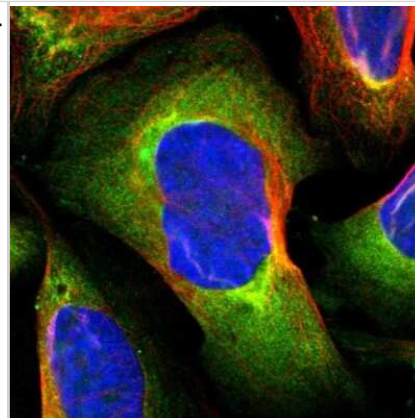
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

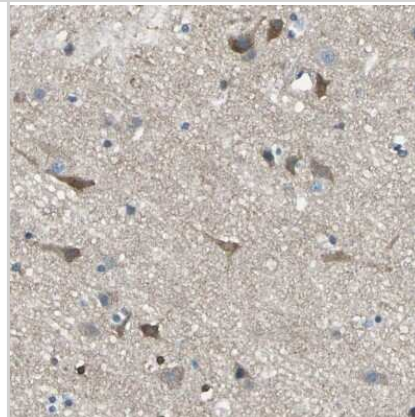
Western Blot: PKC alpha Antibody [NBP1-87269] - Analysis using Anti-PRKCA antibody NBP1-87269 (A) shows similar pattern to independent antibody NBP1-87268 (B).



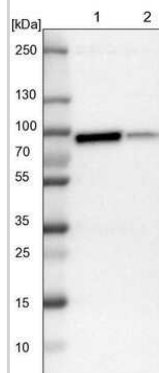
Immunocytochemistry/Immunofluorescence: PKC alpha Antibody [NBP1-87269] - Staining of human cell line U-2 OS shows localization to plasma membrane and cytosol.



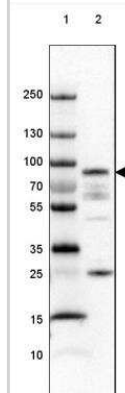
Immunohistochemistry-Paraffin: PKC alpha Antibody [NBP1-87269] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neuronal cells.



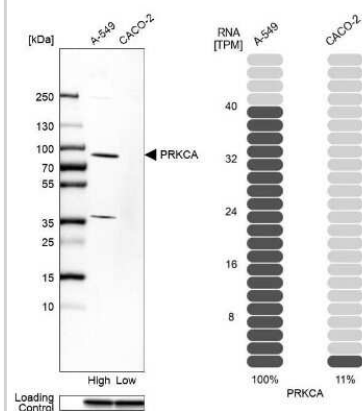
Western Blot: PKC alpha Antibody [NBP1-87269] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Western Blot: PKC alpha Antibody [NBP1-87269] - Lane 1: Marker {kDa} 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue.



Western Blot: PKC alpha Antibody [NBP1-87269] - Analysis in human cell lines A-549 and Caco-2 using anti-PRKCA antibody. Corresponding PRKCA RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.





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### **Products Related to NBP1-87269**

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NBP1-87269PEP	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

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### **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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