

# Product Datasheet

## PDE1C Antibody NB300-672-0.05mg

Unit Size: 0.05 mg

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

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### Publications: 1

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**NB300-672-0.05mg**

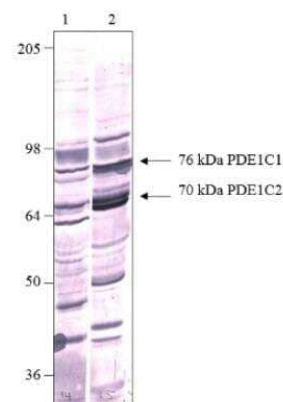
PDE1C Antibody

Product Information	
Unit Size	0.05 mg
Concentration	0.75 mg/ml
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	Tris/Glycine buffer, pH 7.4-7.8, HEPES,BSA 0.5%, glycerol 30%.
Product Description	
Host	Rabbit
Gene ID	5137
Gene Symbol	PDE1C
Species	Human, Mouse, Rat
Specificity/Sensitivity	The does not cross react with PDE1A, PDE1B or other PDEs.
Immunogen	Synthetic peptide corresponding to unique amino acid sequence on PDE1C gene.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:250-1:500, ELISA 1:10000, Immunohistochemistry 1:40-1:100, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 1:200, Immunohistochemistry-Paraffin 1:40-1:100
Application Notes	Immunoprecipitation and Western Blot: This antibody labels multiple bands in the 70-87 kDa range all believed to be various PDE1C variants. Optimal dilutions and concentrations should be determined by the end user.



## Images

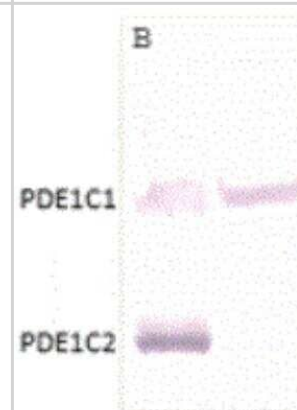
Western Blot: PDE1C Antibody [NB300-672] - Rat brain on SDS page. Approximately 50-60 ug total rat brain homogenate/lane. 1:250 antibody dilution in DiluOBuffer. Lane 1. Rabbit, Lane 2: Rabbit



Immunohistochemistry: PDE1C Antibody [NB300-672] - Human ovarian medulla tissue. 1:1500 antibody dilution



Western Blot: PDE1C Antibody [NB300-672] - 1:500 antibody dilution in DiluOBuffer.



## Publications

Ortiz-Capisano, MC et al. Calcium-dependent phosphodiesterase 1C inhibits renin release from isolated juxtaglomerular cells. *Am J Physiol Regulatory Integrative Comp Physiol* 297:R1469-R1476. 2009-01-01 [PMID: 19741056]



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### **Products Related to NB300-672-0.05mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-48555PEP	PDE1C Recombinant Protein Antigen

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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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