

Product Datasheet

Phosphodiesterase 4D Antibody

NB100-57076

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-57076**Phosphodiesterase 4D Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

Host	Goat
Gene ID	5144
Gene Symbol	PDE4D
Species	Rat
Specificity/Sensitivity	This antibody is expected to recognize isoform 3 (NP_006194.2) only.
Immunogen	Peptide with sequence HVNNFPFRRHS-C corresponding to N-Terminus according to NP_006194.2.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 75 kDa band observed in rat brain lysates (calculated MW of 76.5 kDa band according to human NP_006194.2).

Images

Western Blot: Phosphodiesterase 4D Antibody [NB100-57076] - (0.01ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Houslay, M.D, Baillie et al. cAMP-Specific phosphodiesterase-4 enzymes in the cardiovascular system: a molecular toolbox for generating compartmentalized cAMP signaling. Circ Res 2007-04-13 [PMID: 17431197]



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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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