

Product Datasheet

PDE5A Antibody NB300-957

Unit Size: 0.1 mg

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

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NB300-957

PDE5A Antibody

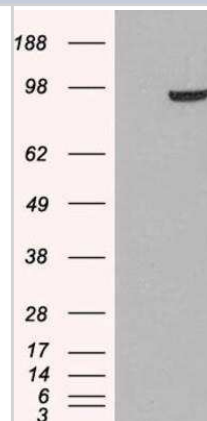
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	100 kDa

Product Description	
Host	Goat
Gene ID	8654
Gene Symbol	PDE5A
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise reported isoforms NP_001074.2, NP_236914.2 and NP_246273.2.
Immunogen	Peptide with sequence C-LINGESGQAKRN corresponding to C-Terminus according to NP_001074.2, NP_246273.2, NP_236914.2, NP_237223.

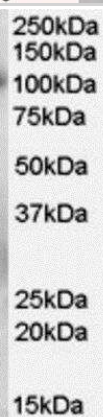
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 100 kDa band observed in human lung lysates (calculated MW of 100 kDa band according to isoform 1, NP_001074.2). In transfected HEK293 transiently expressing PDE5A isoform 2 a band of approx. 95 kDa is observed. This band is not observed in the non-transfected HEK293 (calculated MW of 94.8 kDa band according to isoform 2, NP_236914.2).

Images

Western Blot: PDE5A Antibody [NB300-957] - HEK293 overexpressing PDE5A and probed with (mock transfection in first lane).



Western Blot: PDE5A Antibody [NB300-957] - (0.3ug/ml) of human lung lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Publications

Morelli A, Filippi S, Mancina R et al. Androgens regulate phosphodiesterase type 5 expression and functional activity in corpora cavernosa. *Endocrinology* 2004-05-01 [PMID: 14764637]



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Products Related to NB300-957

NBL1-14225	PDE5A Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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