

NB300-957**PDE5A Antibody****Unit Size**

0.1 mg

Concentration

0.5 mg/ml

Storage

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

Applications

WB, PEP-ELISA

Species

Human

Molecular Weight

100kDa

Host

Goat

Clonality

Polyclonal

Purity

Immunogen affinity purified

Preservative

0.02% Sodium Azide

Specificity/Sensitivity

This antibody is expected to recognise reported isoforms NP_001074.2, NP_236914.2 and NP_246273.2.

Immunogen

Synthetic peptide C-LINGESGQAKRN, representing the C-Terminus of the human protein sequence according to NP_001074; NP_237223; NP_246273; (NP_236914).

Recommended Dilutions

Peptide ELISA Detection Limit 1:16000, Western Blot 0.3-1 ug/ml

Buffer

Tris-saline (pH7.3) with 0.5% BSA

Uses

Approx 100kDa band observed in Human Lung lysates (calculated MW of 100kDa according to isoform 1, NP_001074.2). In transfected HEK293 transiently expressing PDE5A isoform 2 a band of approx. 95kDa is observed. This band is not observed in the non-transfected HEK293 (calculated MW of 94.8kDa 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.



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Limitations: This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. **For more information on our guarantee, please visit www.novusbio.com/guarantee.**

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