

Product Datasheet

PDE10A Antibody (PSH03-61)

NBP3-32729

Unit Size: 100 ul

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

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NBP3-32729

PDE10A Antibody (PSH03-61)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-61
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	88 kDa

Product Description	
Description	Novus Biologicals Rabbit PDE10A Antibody (PSH03-61) (NBP3-32729) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10846
Gene Symbol	PDE10A
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human PDE10A aa 400-779 / 779. (Uniprot: Q9Y233)

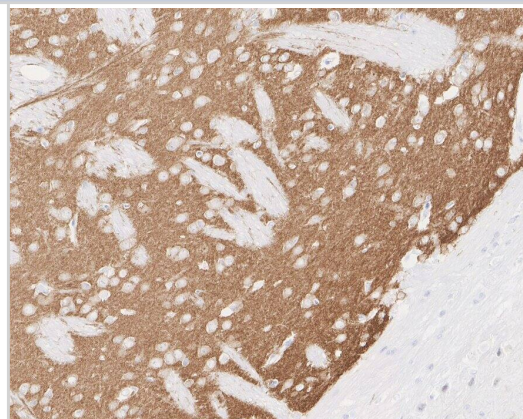
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:20000



Images

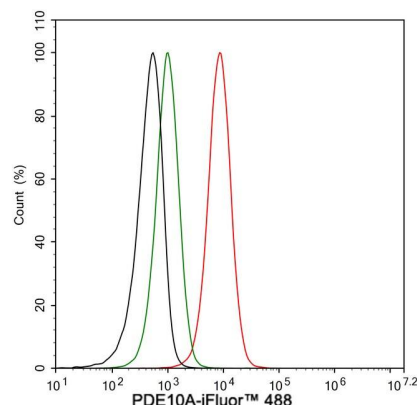
Immunohistochemistry: PDE10A Antibody (PSH03-61) [NBP3-32729] - Immunohistochemical analysis of paraffin-embedded mouse brain tissue with Rabbit anti-PDE10A antibody (NBP3-32729) at 1/20,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32729) at 1/20,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Flow Cytometry: PDE10A Antibody (PSH03-61) [NBP3-32729] - Flow cytometric analysis of SH-SY5Y cells labeling PDE10A.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32729, 1 µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Western Blot: PDE10A Antibody (PSH03-61) [NBP3-32729] - Western blot analysis of PDE10A on different lysates with Rabbit anti-PDE10A antibody (NBP3-32729) at 1/2,000 dilution.

Lane 1: Human brain tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Mouse testis tissue lysate
Lane 4: Rat brain tissue lysate

Lysates/proteins at 40 µg/Lane.

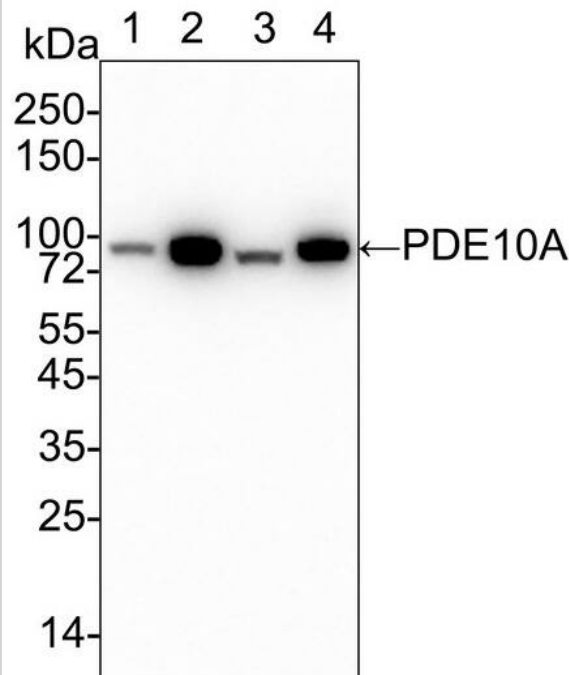
Predicted band size: 88 kDa

Observed band size: 88 kDa

Exposure time: 24 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDm/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-32729

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010846-Q01-10ug	Recombinant Human PDE10A GST (N-Term) Protein

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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