

Product Datasheet

nNOS Antibody (ST520) NBP2-67532

Unit Size: 100 ul

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

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NBP2-67532

nNOS Antibody (ST520)

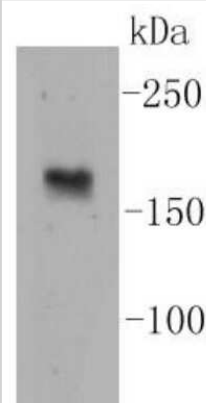
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST520
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	NOS1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human nNOS aa 1398-1434 / 1434. (SwissProt: P29475 Human; SwissProt: Q9Z0J4 Mouse; SwissProt: P29476 Rat)

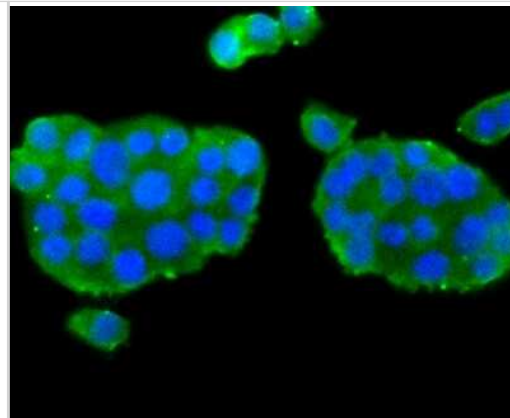
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

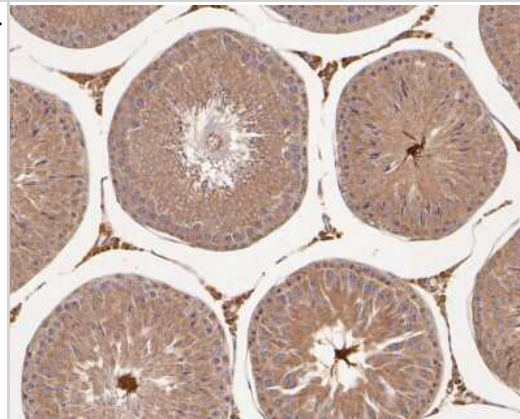
Western Blot: nNOS Antibody (ST520) [NBP2-67532] - Analysis of nNOS on mouse heart lysates using anti-nNOS antibody at 1/1,000 dilution.



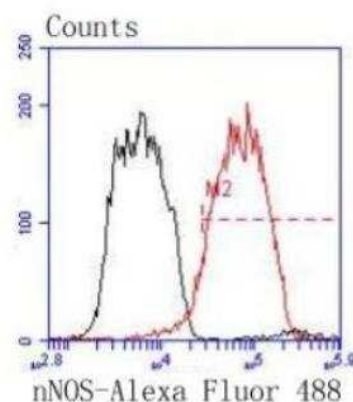
Immunocytochemistry/Immunofluorescence: nNOS Antibody (ST520) [NBP2-67532] - Staining nNOS in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



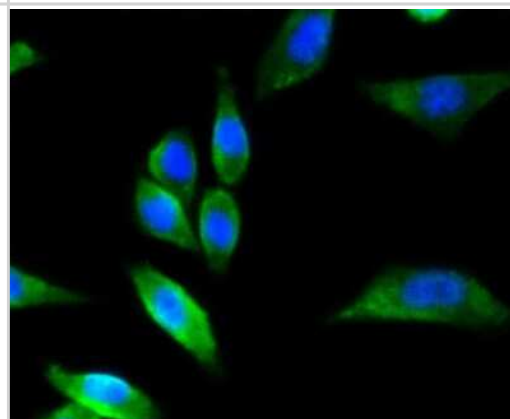
Immunohistochemistry-Paraffin: nNOS Antibody (ST520) [NBP2-67532] - Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-nNOS antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1609-61, 1/50) for 30 minutes 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.



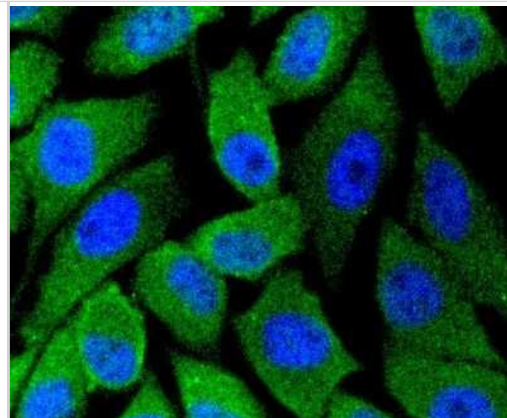
Flow Cytometry: nNOS Antibody (ST520) [NBP2-67532] - Analysis of PC-12 cells with nNOS antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



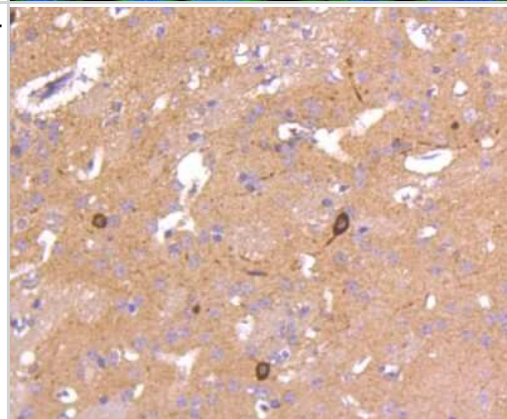
Immunocytochemistry/Immunofluorescence: nNOS Antibody (ST520) [NBP2-67532] - Staining nNOS in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



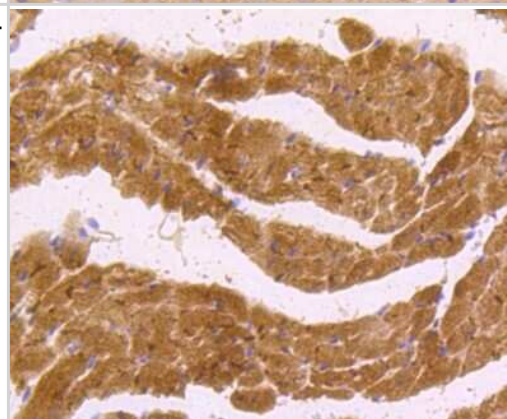
Immunocytochemistry/Immunofluorescence: nNOS Antibody (ST520) [NBP2-67532] - Staining nNOS in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



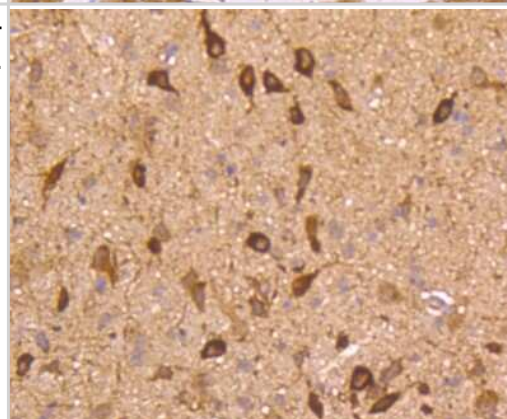
Immunohistochemistry-Paraffin: nNOS Antibody (ST520) [NBP2-67532] - Analysis of paraffin-embedded mouse brain tissue using anti-nNOS antibody. Counter stained with hematoxylin.



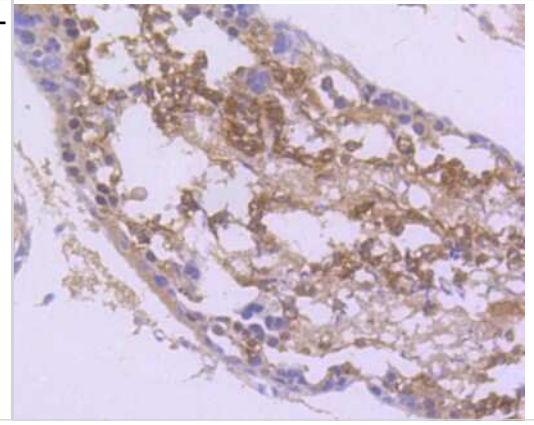
Immunohistochemistry-Paraffin: nNOS Antibody (ST520) [NBP2-67532] - Analysis of paraffin-embedded mouse heart tissue using anti-nNOS antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: nNOS Antibody (ST520) [NBP2-67532] - Analysis of paraffin-embedded rat brain tissue using anti-nNOS antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: nNOS Antibody (ST520) [NBP2-67532] - Analysis of paraffin-embedded rat testis tissue using anti-nNOS antibody. Counter stained with hematoxylin.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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