

Product Datasheet

Tyrosine Hydroxylase Antibody (SD080-02) NBP2-67797

Unit Size: 100 ul

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

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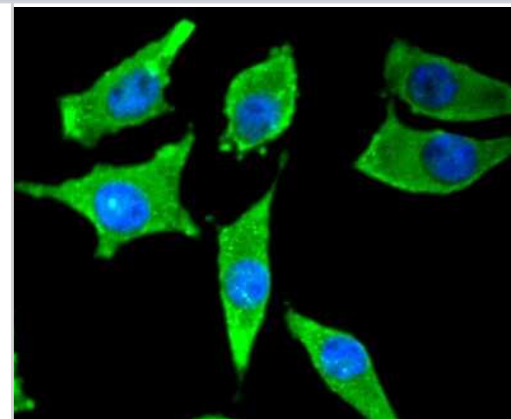


NBP2-67797**Tyrosine Hydroxylase Antibody (SD080-02)**

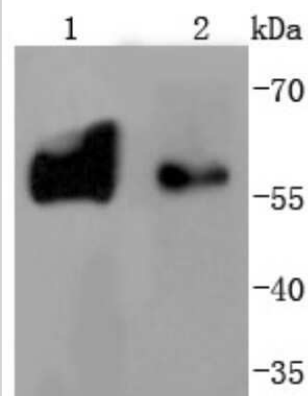
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SD080-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	59 kDa
Product Description	
Host	Rabbit
Gene Symbol	TH
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Tyrosine Hydroxylase aa 51-100 / 528. (SwissProt: P07101 Human; SwissProt: P24529 Mouse; SwissProt: P04177 Rat)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:50000-1:100000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:200

Images

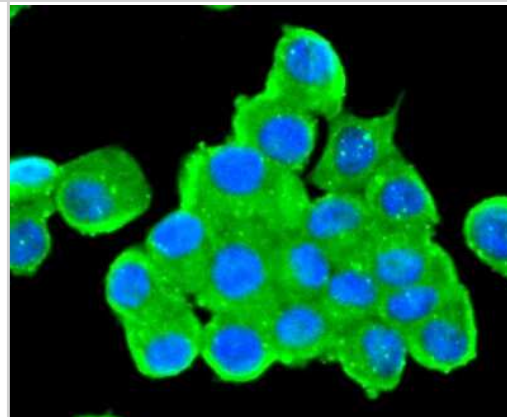
Immunocytochemistry/Immunofluorescence: Tyrosine Hydroxylase Antibody (SD080-02) [NBP2-67797] - Tyrosine Hydroxylase in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100 in PBS.



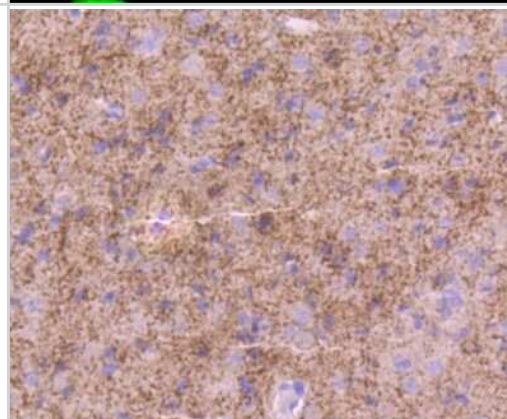
Western Blot: Tyrosine Hydroxylase Antibody (SD080-02) [NBP2-67797]
 - Analysis of Tyrosine Hydroxylase on different lysates using anti-Tyrosine Hydroxylase antibody at 1/50,000 dilution. Positive control:
 Lane 1: PC-12 Lane 2: Mouse brain



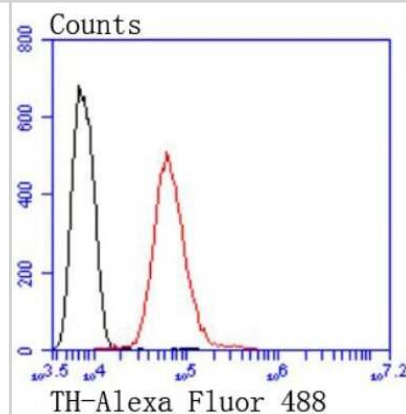
Immunocytochemistry/Immunofluorescence: Tyrosine Hydroxylase Antibody (SD080-02) [NBP2-67797] - Tyrosine Hydroxylase in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100 in PBS.



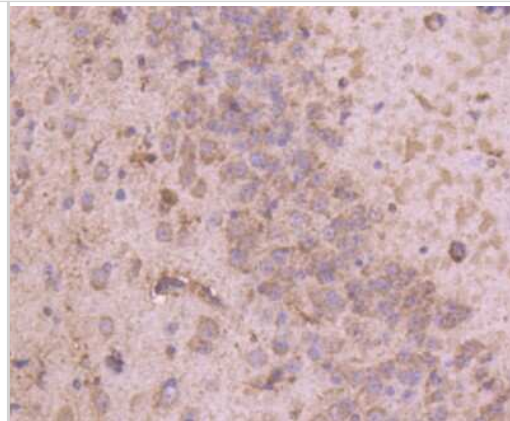
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody (SD080-02) [NBP2-67797] - Analysis of paraffin-embedded rat brain tissue using anti-Tyrosine Hydroxylase antibody. Counter stained with hematoxylin.



Flow Cytometry: Tyrosine Hydroxylase Antibody (SD080-02) [NBP2-67797] - Flow cytometric analysis of SH-SY-5Y cells with Tyrosine Hydroxylase 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 use as the secondary antibody.



Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody (SD080-02) [NBP2-67797] - Analysis of paraffin-embedded mouse brain tissue using anti-Tyrosine Hydroxylase 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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