

Product Datasheet

Dopamine beta-Hydroxylase Antibody NBP1-31386

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NBP1-31386**Dopamine beta-Hydroxylase Antibody**

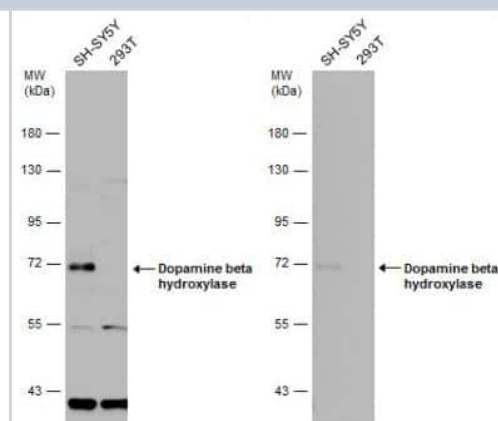
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	69 kDa

Product Description	
Host	Rabbit
Gene ID	1621
Gene Symbol	DBH
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rhesus Macaque (86%), Bovine (80%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Dopamine beta-Hydroxylase. The exact sequence is proprietary.

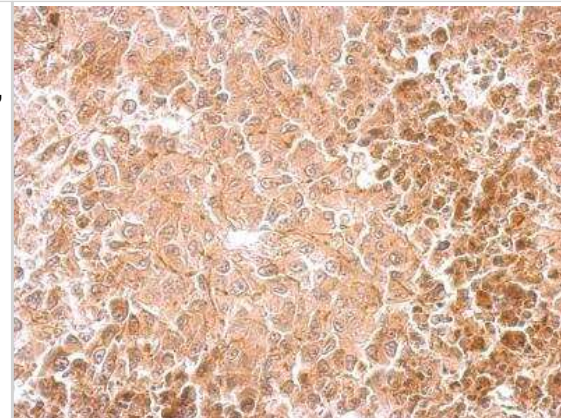
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

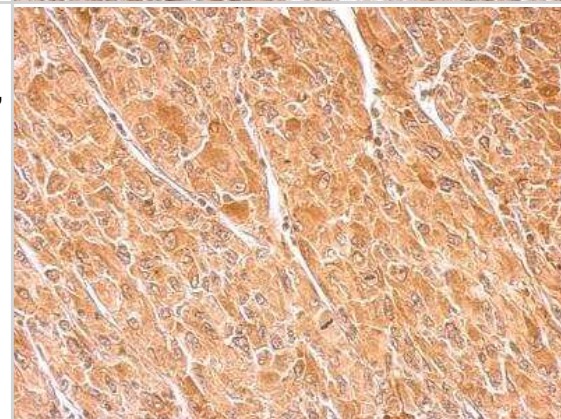
Western Blot: Dopamine beta-Hydroxylase Antibody [NBP1-31386] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membranes were blotted with Dopamine beta hydroxylase antibody and a competitor's antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



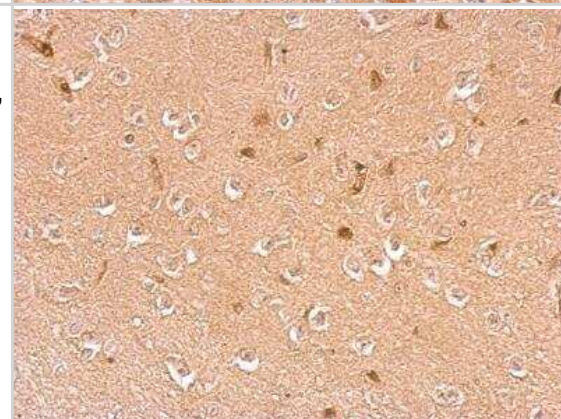
Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP1-31386] - RT2 xenograft. Dopamine beta hydroxylase antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP1-31386] - U87 xenograft. Dopamine beta hydroxylase antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



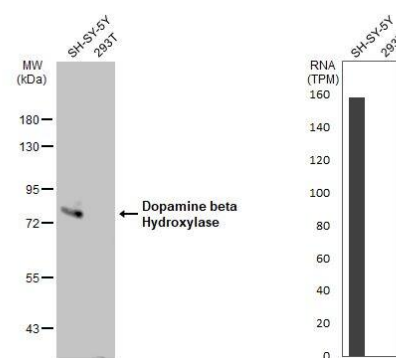
Immunohistochemistry-Paraffin: Dopamine beta-Hydroxylase Antibody [NBP1-31386] - Mouse brain. Dopamine beta hydroxylase antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Dopamine beta-Hydroxylase Antibody [NBP1-31386] - Mouse brain. Dopamine beta Hydroxylase stained by Dopamine beta Hydroxylase antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: Dopamine beta-Hydroxylase Antibody [NBP1-31386] -
Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Dopamine beta Hydroxylase antibody diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Publications

Valsecchi V, Errico F, Bassareo V et al. SMN deficiency perturbs monoamine neurotransmitter metabolism in spinal muscular atrophy Communications biology 2023-11-13 [PMID: 37957344] (WB, Mouse)

Details:
1:1000 WB dilution

Hilton JBW, Kysenius K, Liddell JR, Rautengarten C Disrupted copper availability in sporadic ALS: Implications for Cull (atsm) as a treatment option BioRxiv 2020-01-01 (WB, Mouse, Human)

Scifo E, Szwajda A, Soliymani R et al. Quantitative analysis of PPT1 interactome in human neuroblastoma cells. Data Brief 2015-09-01 [PMID: 26217791] (Human)

van der Keylen P, Garreis F, Steigleder R et al. Involvement of catecholaminergic neurons in motor innervation of striated muscle in the mouse esophagus. Histochem. Cell Biol. 2016-01-21 [PMID: 26794326]

Scifo E, Szwajda A, Soliymani R et al. Proteomic analysis of the palmitoyl protein thioesterase 1 interactome in SH-SY5Y human neuroblastoma cells J Proteomics 2015-04-10 [PMID: 25865307] (WB, Human)



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

Products Related to NBP1-31386

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-55677PEP	Dopamine beta-Hydroxylase Recombinant Protein Antigen

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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