

Product Datasheet

Tyrosine Hydroxylase Antibody - BSA Free NBP2-38903

Unit Size: 0.1 ml

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

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Updated 12/2/2025 v.20.1

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NBP2-38903**Tyrosine Hydroxylase Antibody - BSA Free**

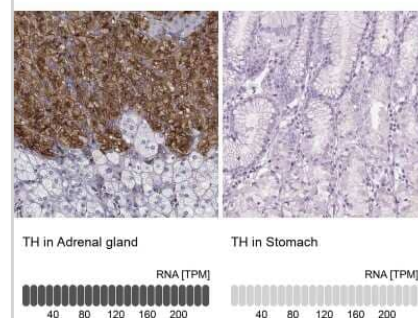
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	60 kDa

Product Description	
Description	Novus Biologicals Rabbit Tyrosine Hydroxylase Antibody - BSA Free (NBP2-38903) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7054
Gene Symbol	TH
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: SESFSDAKDKLRSYASRIQRPFSSVKFDPYTLAIDVLDSPQAVRRSLEGVQDELD TLAHALSAIG

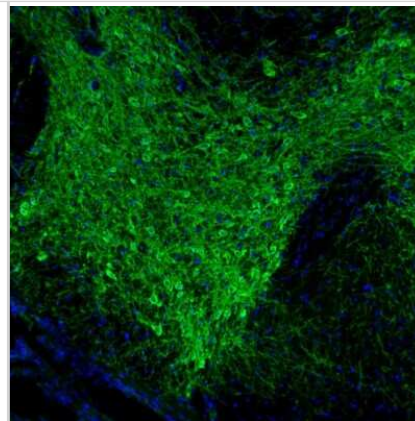
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

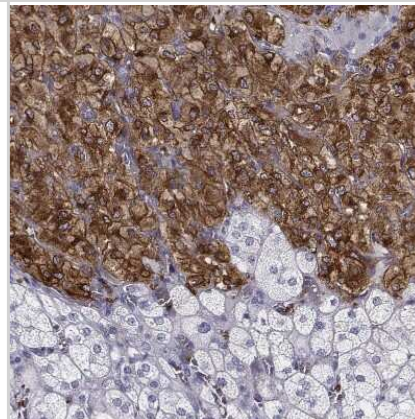
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody [NBP2-38903] - Analysis in human adrenal gland and stomach tissues. Corresponding TH RNA-seq data are presented for the same tissues.



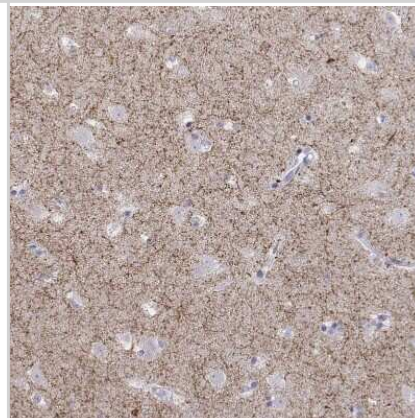
Immunohistochemistry: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of mouse midbrain shows positive processes and cell bodies.



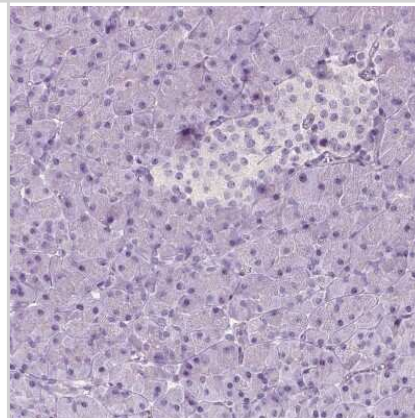
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of human adrenal gland shows strong cytoplasmic positivity in glandular cells.



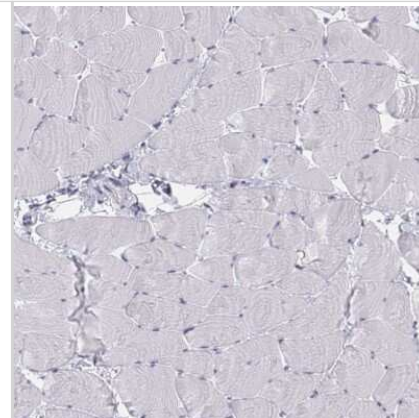
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of human caudate shows moderate positivity in neuropil.



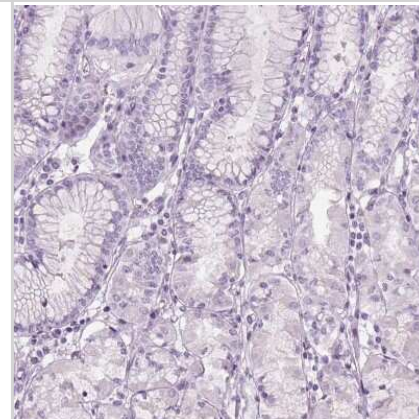
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



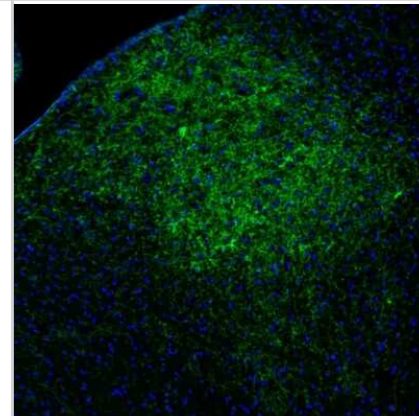
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



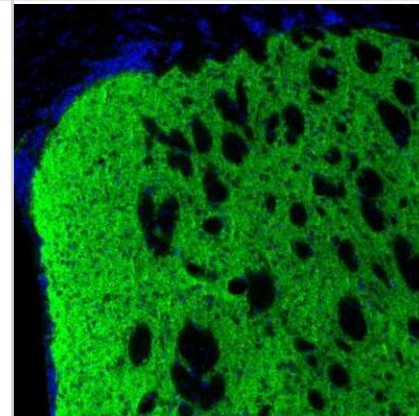
Immunohistochemistry-Paraffin: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of human stomach shows no positivity in glandular cells as expected.



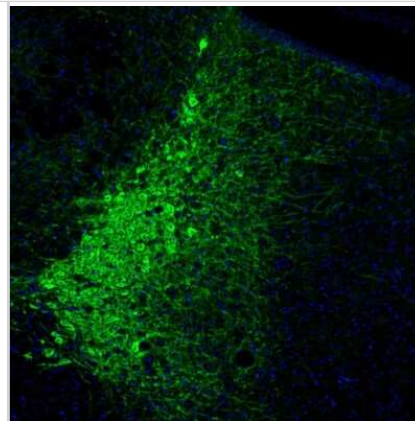
Immunohistochemistry: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of mouse amygdala shows positive processes.



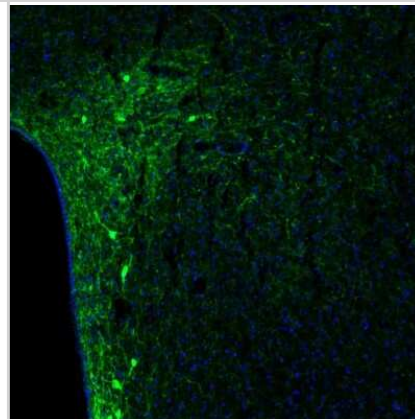
Immunohistochemistry: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of mouse caudate putamen shows synaptic immunoreactivity.



Immunohistochemistry: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of mouse hindbrain shows positivity in the locus coeruleus.



Immunohistochemistry: Tyrosine Hydroxylase Antibody [NBP2-38903] - Staining of mouse hypothalamus shows immunoreactivity in a subset of neurons in the paraventricular nucleus.





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Products Related to NBP2-38903

NBP2-38903PEP	Tyrosine Hydroxylase Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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