

Product Datasheet

Tyrosine Hydroxylase Antibody (CL3049) - BSA Free NBP2-46647

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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Publications: 1

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NBP2-46647

Tyrosine Hydroxylase Antibody (CL3049) - BSA Free

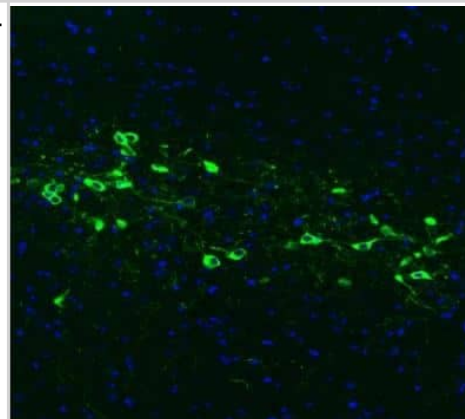
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3049
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2), 40% Glycerol
Target Molecular Weight	60 kDa

Product Description	
Host	Mouse
Gene ID	7054
Gene Symbol	TH
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P07101, with the exact immunogen sequence remaining proprietary.

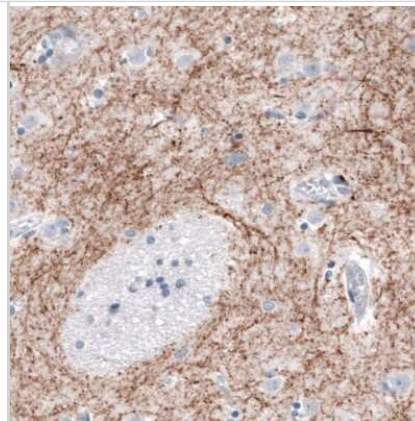
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

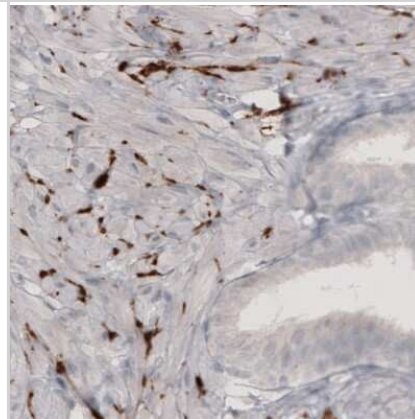
Immunohistochemistry: Tyrosine Hydroxylase Antibody (CL3049) [NBP2-46647] - Staining of mouse brain shows strong positivity in neurons in the hypothalamus.



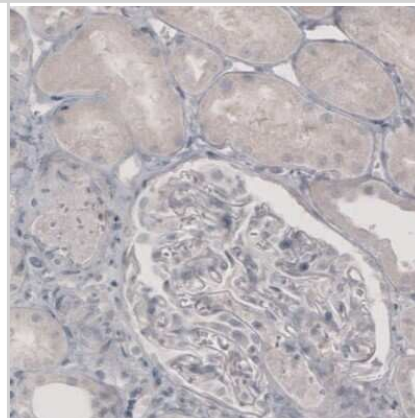
Immunohistochemistry: Tyrosine Hydroxylase Antibody (3049) [NBP2-46647] - Staining of human caudate nucleus shows immunoreactivity in monoaminergic neural fibers.



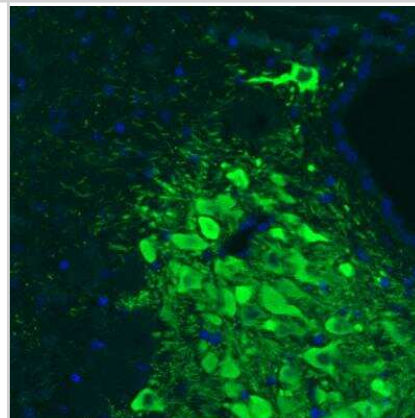
Immunohistochemistry: Tyrosine Hydroxylase Antibody (3049) [NBP2-46647] - Staining of human prostate shows strong immunoreactivity in sympathetic fibers.



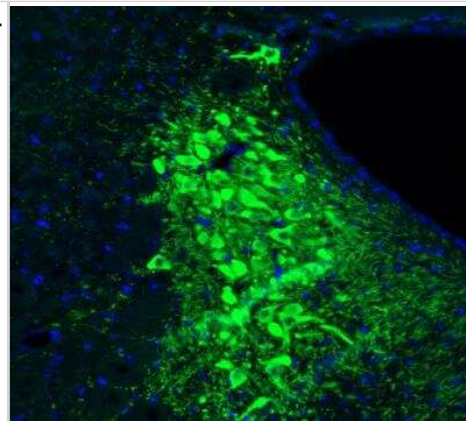
Immunohistochemistry: Tyrosine Hydroxylase Antibody (3049) [NBP2-46647] - Analysis of human kidney shows absence of immunoreactivity (negative control).



Immunohistochemistry: Tyrosine Hydroxylase Antibody (3049) [NBP2-46647] - Immunohistochemical staining of rat locus coeruleus using Tyrosine Hydroxylase antibody (clone 3049) with immunofluorescence based detection showing a very strong cytoplasmic immunoreactivity in monoaminergic neurons.



Immunohistochemistry: Tyrosine Hydroxylase Antibody (CL3049) [NBP2-46647] - Staining of rat locus coeruleus shows strong positivity in noradrenergic neurons.



Publications

Kim S, Choi J, Kim S et al. Inhibition of alpha-synuclein aggregation by MT101-5 is neuroprotective in mouse models of Parkinson's disease *Biomedicine & Pharmacotherapy* 2022-10-01 [PMID: 36058149] (IHC-Fr, Mouse)

Details:

Brain Sections, dilution used 1:1000



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Products Related to NBP2-46647

NBP2-46647PEP	Tyrosine Hydroxylase Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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