Tyrosine Hydroxylase antibody

Cat. No. GTX85470

Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Applications	WB, ICC/IF, IHC-P, IHC
Reactivity	Human, Mouse, Rat

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:2000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC	1:1000-1:2000

Not tested in other applications.

Calculated MW 59 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. DO NOT FREEZE.
Concentration	200 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Chickens were immunized with two synthetic peptide / keyhole limpet hemocyanin (KLH) conjugates. These synthetic peptides corresponded to different regions of the Tyrosine Hydroxylase gene product, but were shared between the human (P07101, NCBI) and mouse (P24529, NCBI) sequences.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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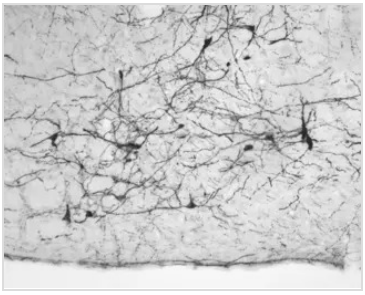
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

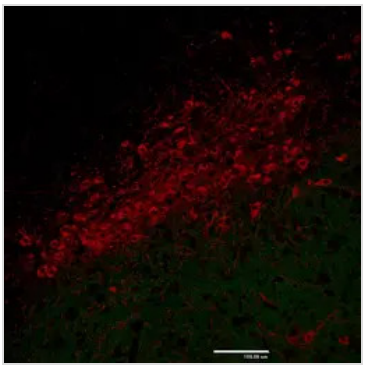
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



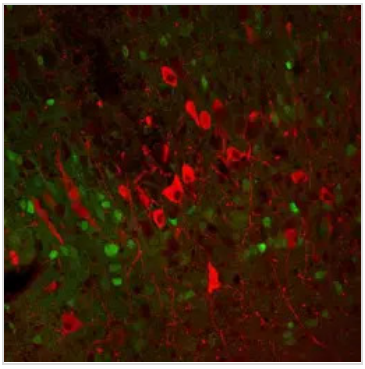
GTX85470 IHC Image

IHC analysis of unfixed, thick vibratome sections of adult rat brain Rostral Ventral Lateral Medulla (RVLM) using GTX85470 Tyrosine Hydroxylase antibody.
Dilution : 1:1000



GTX85470 IHC-P Image

IHC-P analysis of paraformaldehyde-fixed (4%) substantia nigra pars compacta of an adult mouse brain using GTX85470 Tyrosine Hydroxylase antibody. This mouse was engineered to have GFP expressed under control of the actin promoter, which explains the low-level green autofluorescence. Note the high number of dopaminergic neuron cell bodies in this brain region.



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