Tyrosine Hydroxylase antibody [N1C1]

Cat. No. GTX102424

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

References (6)

Review (2)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

Calculated MW 59 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.57 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Tyrosine Hydroxylase. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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

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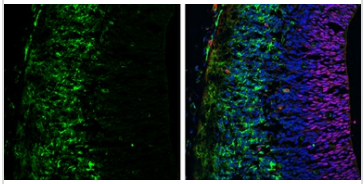
Note

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

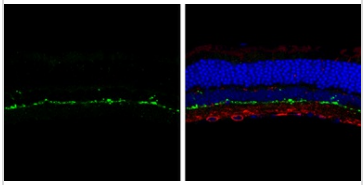
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



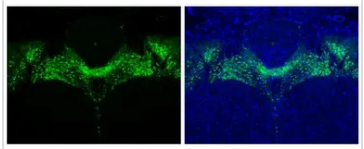
GTX102424 IHC-Fr Image

Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein expression by immunohistochemical analysis.
Sample: Frozen sectioned E13.5 Rat brain.
Green: Tyrosine Hydroxylase protein stained by Tyrosine Hydroxylase antibody [N1C1] (GTX102424) diluted at 1:250.
Red: SOX2, stained by SOX2 antibody [GT1876] (GTX627404) diluted at 1:250.
Blue: Fluoroshield with DAPI (GTX30920).



GTX102424 IHC-Fr Image

Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein by immunohistochemical analysis.
Sample: Frozen sectioned adult mouse retina.
Green: Tyrosine Hydroxylase protein stained by Tyrosine Hydroxylase antibody [N1C1] (GTX102424) diluted at 1:250.
Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:250.
Blue: Fluoroshield with DAPI (GTX30920).



GTX102424 IHC-P Image

Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein in midbrain dopaminergic neurons by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
Green: Tyrosine Hydroxylase stained by Tyrosine Hydroxylase antibody [N1C1] (GTX102424) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

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