

Tyrosine Hydroxylase antibody [N1C1]

Cat. No. GTX102424

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

Reference (2)

★★★★★ Review (2)

Package

100 µl, 25 µl

APPLICATION

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
IHC-Wm	1:100-1:500

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 4°C. For long-term storage, aliquot and store at -20°C 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

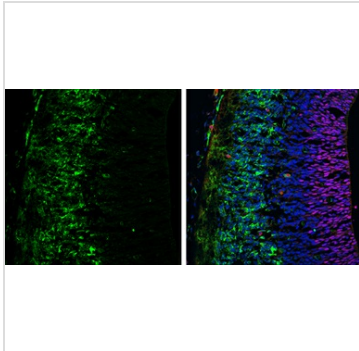


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Note

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DATA IMAGES

GTX102424 IHC-Fr Image

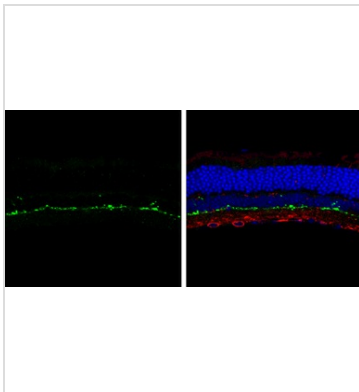
Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein expression by immunohistochemical analysis.

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

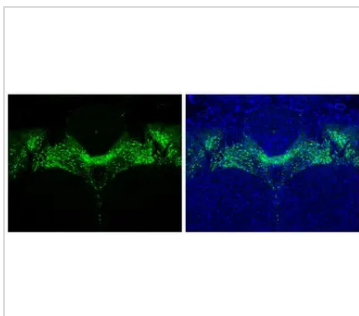
Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein by immunohistochemical analysis.

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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