

Tyrosine Hydroxylase antibody [N1C1]

Cat. No. GTX102424

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

References (3)

 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 |
| 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 |



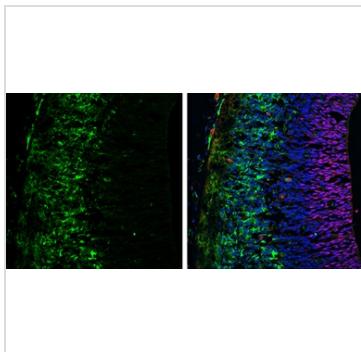
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

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**

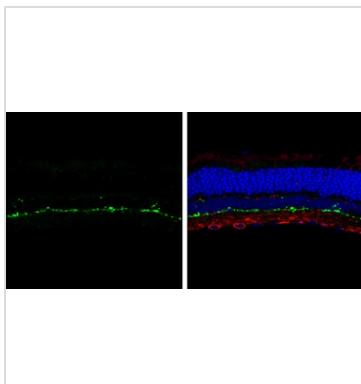
Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein expression by immunohistochemical analysis.

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**

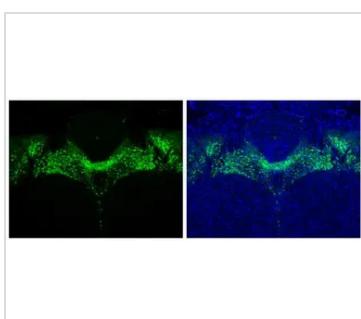
Tyrosine Hydroxylase antibody [N1C1] detects Tyrosine Hydroxylase protein by immunohistochemical analysis.

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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