

## Tyrosine Hydroxylase antibody, C-term

## Cat. No. GTX89578

|              |            |
|--------------|------------|
| Host         | Goat       |
| Clonality    | Polyclonal |
| Isotype      | IgG        |
| Applications | WB, IHC-Fr |
| Reactivity   | Human      |

Package  
100 µg

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 2-4µg/ml             |
| IHC-Fr             | 0.1-0.3µg/ml         |

**Note : Human Hypothalamus shows staining of neurons and their processes.**

Not tested in other applications.

| Calculated MW        | 59 kDa. ( <a href="#">Note</a> )   |
|----------------------|--|
| <b>Product Note</b>  | This antibody is expected to recognise all three reported isoforms (as represented by NP_954986.2; NP_000351.2; NP_954987.2).  |
| Properties           |  |
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | TBS, 0.5% BSA  |
| <b>Preservative</b>  | 0.02% Sodium azide   |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 0.50 mg/ml (Please refer to the vial label for the specific concentration.)  |
| <b>Immunogen</b>     | Peptide with sequence C-VQDELDTLAHAL, from the C Terminus of the protein sequence according to NP_954986.2; NP_000351.2; NP_954987.2.  |
| <b>Purification</b>  | Purified by ammonium sulphate precipitation followed by antigen affinity chromatography  |
| <b>Conjugation</b>   | Unconjugated   |



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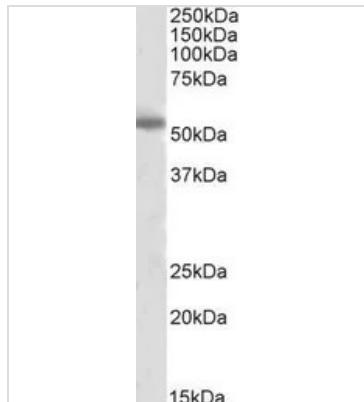
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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****GTX89578 IHC-Fr Image**

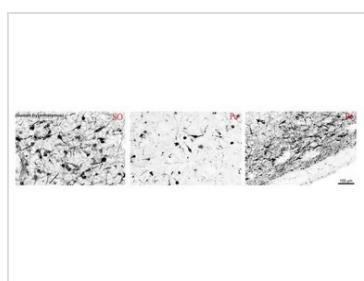
IHC-Fr analysis of immersion-fixed (4% PFA) human hypothalamus using GTX89578 Tyrosine Hydroxylase antibody, C-term.

**GTX89578 WB Image**

WB analysis of human cerebral cortex lysate using GTX89578 Tyrosine Hydroxylase antibody, C-term.

Dilution : 2 $\mu$ g/ml

Loading : 35 $\mu$ g protein in RIPA buffer

**GTX89578 IHC-Fr Image**

IHC-Fr analysis of PFA-perfused human hypothalamic supraoptic (SO), paraventricular (Pa) and periventricular (Pe) nuclei using GTX89578 Tyrosine Hydroxylase antibody, C-term.

Antigen retrieval : citrate buffer pH 6 at 80C for 30min

Dilution : 0.1 $\mu$ g/ml



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