

Product Name: Tyrosine Hydroxylase Rabbit Monoclonal Antibody
Catalog #: AMRe02734

Summary

| | |
|------------------------|---|
| Production Name | Tyrosine Hydroxylase Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-F,IHC-P,ICC/IF |
| Reactivity | Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|--|
| Gene Name | TH |
| Alternative Names | TH; TYH; Tyrosine 3-monoxygenase; Tyrosine 3-hydroxylase; TH;Tyrosine 3 Monoxygenase |
| Gene ID | 7054 |
| SwissProt ID | P07101 |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 |
| Molecular Weight | Calculated MW: 59 kDa; Observed MW: 59 kDa |

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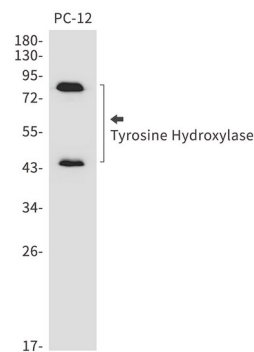
Background

Tyrosine hydroxylase (EC 1.14.16.2) is involved in the conversion of phenylalanine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons.

Research Area

Neuroscience

Image Data



Western blot analysis of Tyrosine Hydroxylase in PC-12 lysates using Tyrosine 3 Monooxygenase antibody.

Note

For research use only.