

TYROSINE HYDROXYLASE RABBIT MAB

Cat.#: N263043

Product Name: Anti-Tyrosine Hydroxylase Rabbit Monoclonal Antibody

Synonyms: TH; TYH; Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase; TH; Tyrosine 3 Monooxygenase

UNIPROT ID: P07101

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.

Immunogen: A synthetic peptide of human Tyrosine Hydroxylase

Applications: WB, IHC-F, IHC-P, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-3E4

MW: Calculated MW: 59 kDa; Observed MW: 59 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Rat

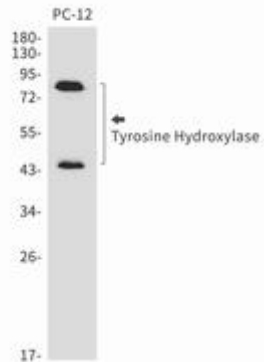
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience Dopaminergic Neurons

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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