

## 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

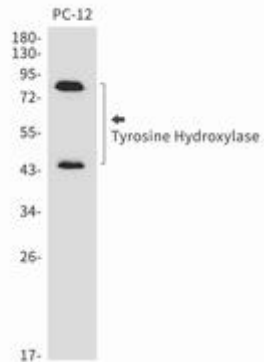
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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.