

Product Datasheet

Phospho-Tyrosine Hydroxylase (Ser40) Antibody



Catalog No: CY6547

Reactivity: Human, Mouse, Rat

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Isotype: Rabbit IgG

Applications: WB, IHC

Information

UniProt ID: P07101

All Names: EC 1.14.16.2, TH isoform 3, TH isoform a, TH-4, TY3H, TYH, Tyrosine 3-hydroxylase, Tyrosine 3-monooxygenase, tyrosine hydroxylase

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 55kDa

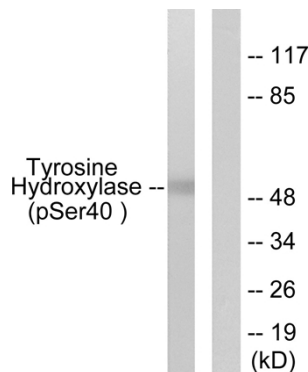
Application

WB 1:500-1:2000

IHC 1:50-1:200

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.



Western blot analysis of extracts from RAW264.7 cells treated with UV (30mins), using Tyrosine Hydroxylase (phospho-Ser40) antibody.

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