

Product Datasheet

Phospho-Tyrosine Hydroxylase (Ser19) Antibody



Catalog No: CY6545

Reactivity: Human,Mouse,Rat

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Isotype: Rabbit IgG

Applications: WB,IHC,ICC/IF

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.: 45kDa

Application

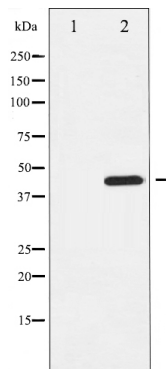
WB 1:500-1:2000

IHC 1:50-1:200

IF/ICC 1:100-1:500

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 Tyrosine Hydroxylase phosphorylation expression in Insulin treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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