



Tyrosine Hydroxylase (Phospho-Ser8) Antibody

E11-0592A

Catalog Number: E11-0592A

Concentration: 1mg/ml

Swiss-Prot No.: P24529

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

All Sites: Mouse: Ser8; Rat: Ser8

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 8 (A-P-S^P-P-Q).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Tyrosine Hydroxylase (Phospho-Ser8) antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 8.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000

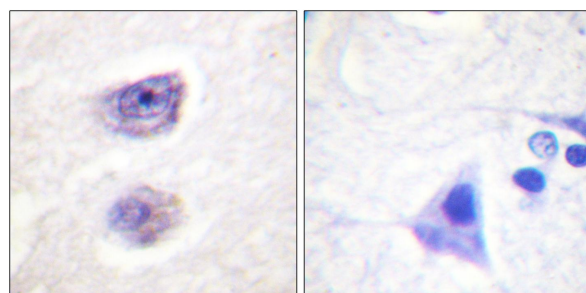
References:

Marco Cosentino, Blood, Jan 2007; 109: 632 - 642.

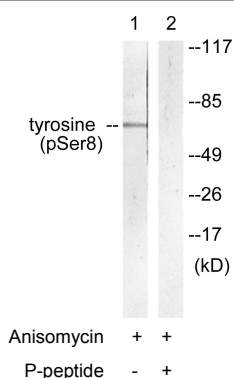
ZG Xue, J. Neurosci., Mar 1988; 8: 806.

L Iacovitti, J. Neurosci., Apr 1987; 7: 1264.

DM Kuhn, J. Biol. Chem., Apr 1990; 265: 5780 - 5786.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using Tyrosine Hydroxylase (Phospho-Ser8) antibody.



Western blot analysis of extracts from HepG2 cells, treated with Anisomycin (25ug/ml, 30mins), using Tyrosine Hydroxylase (Phospho-Ser8) antibody.

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