

anti-Mouse, Rat Tyrosine Hydroxylase Antibody | anti-TYH antibody

Tyrosine Hydroxylase (Phospho-Ser8) Antibody

CATALOG # AAA111630	REACTIVITY Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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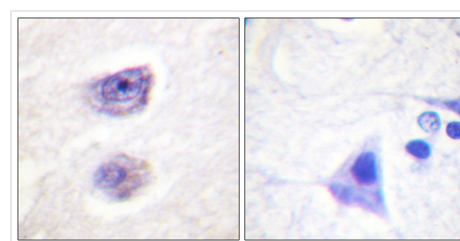
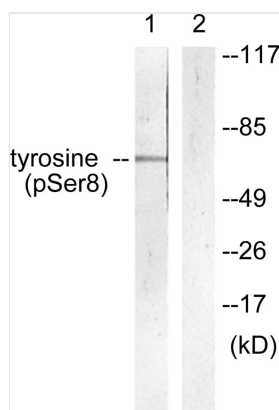
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Tyrosine Hydroxylase (Phospho-Ser8) Antibody; EC 1.14.16.2; TH isoform 3; TH isoform a; TH-4; TY3H; Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; tyrosine hydroxylase; anti-TYH antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat
Specificity	Tyrosine Hydroxylase (Phospho-Ser8) antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 8.
Purity/Purification	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.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	498
Applicable Applications for anti-TYH antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 8 (A-P-SP-P-Q).
All Sites	Mouse: Ser8 Rat: Ser8
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

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.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TYH antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678337
NCBI GeneID	21823
NCBI Accession #	NP_033403.1
NCBI GenBank Nucleotide #	NM_009377.1
UniProt Accession #	P24529
Molecular Weight	55,993 Da
NCBI Official Full Name	tyrosine 3-monooxygenase
NCBI Official Synonym Full Names	tyrosine hydroxylase
NCBI Official Symbol	Th
NCBI Protein Information	tyrosine 3-monooxygenase
UniProt Protein Name	Tyrosine 3-monooxygenase
UniProt Gene Name	Th
UniProt Synonym Gene Names	TH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tyh-mouse-rat-antibody/tyrosine-hydroxylase/111630>