

Tyrosine Hydroxylase Antibody | anti-TYH antibody

Tyrosine Hydroxylase (Ab-19) Antibody

CATALOG # AAA110615	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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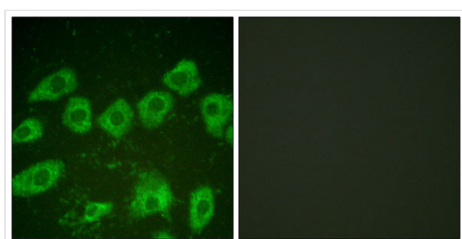
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Tyrosine Hydroxylase (Ab-19) 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

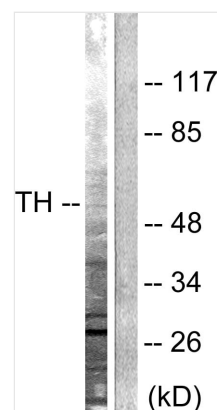
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Tyrosine Hydroxylase (Ab-19) antibody detects endogenous levels of total Tyrosine Hydroxylase protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	497
Applicable Applications for anti-TYH antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 19 (A-V-SP-E-Q).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES

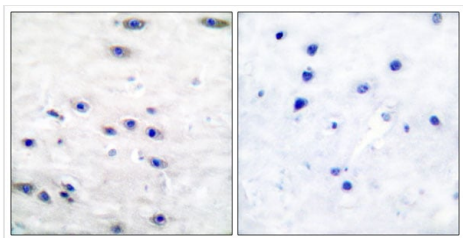


Application Data
Peptide-+



WB (Western Blot)

Western blot analysis of extracts from 3T3 cells treated with Forskolin (40nM, 30min), using Tyrosine Hydroxylase (Ab-19) antibody.



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Tyrosine Hydroxylase (Ab-19) 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	Jahan Ara, PNAS, Jun 1998; 95: 7659. E Carafoli, Crit. Rev. Biochem. Mol. Biol., Apr 2001; 36: 107. P. William Conrad, J. Biol. Chem., Nov 1999; 274: 33709. Y. Katayama, J Appl Physiol, Nov 1994; 77: 2086.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88900503
NCBI GeneID	7054
NCBI Accession #	NP_000351.2
NCBI GenBank Nucleotide #	NM_000360.3
UniProt Accession #	Q2M3B4 ; Q0PWM2 ; Q0PWM3 ; Q15585 ; Q15588 ; Q15589 ; B7ZL70 ; B7ZL73 ; P07101
Molecular Weight	44,898 Da
NCBI Official Full Name	tyrosine 3-monooxygenase isoform b
NCBI Official Synonym Full Names	tyrosine hydroxylase
NCBI Official Symbol	TH
NCBI Official Synonym Symbols	TYH; DYT14; DYT5b
NCBI Protein Information	tyrosine 3-monooxygenase
UniProt Protein Name	Tyrosine 3-monooxygenase
UniProt Gene Name	TH
UniProt Synonym Gene Names	TYH; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tyh-human-mouse-rat-antibody/tyrosine-hydroxylase/110615>