

Rabbit Tyrosine Hydroxylase Polyclonal Antibody | anti-TH antibody

Tyrosine Hydroxylase (Ab-19) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306873	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

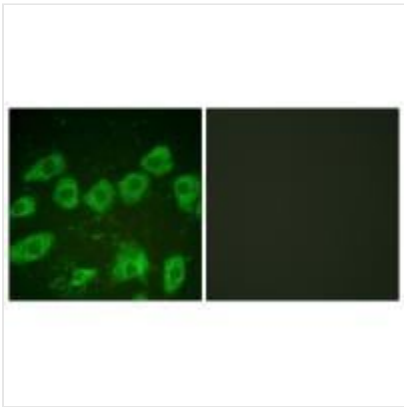
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Polyclonal Antibody; Tyrosine Hydroxylase (Ab-19) Antibody; EC 1.14.16.2; TH isoform 3; TH isoform a; TH-4; TY3H; anti-TH antibody

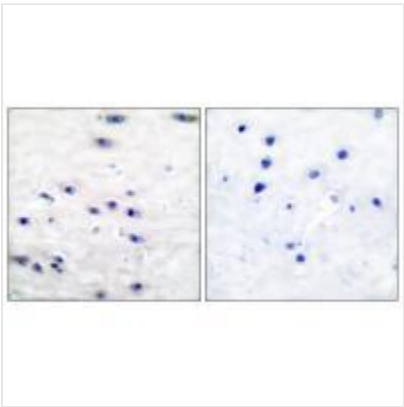
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Tyrosine Hydroxylase protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	497
Applicable Applications for anti-TH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 19 (A-V-S(p)-E-Q).
Target Name	Tyrosine Hydroxylase
Preparation and Storage	Store at -20 degree C

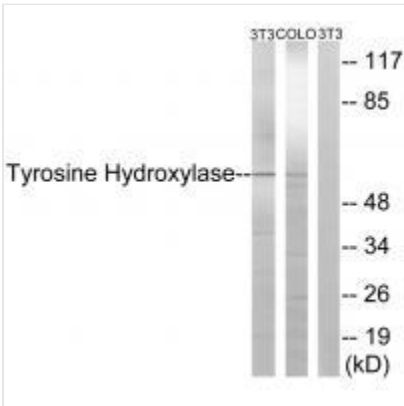
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HuvEc cells, using Tyrosine Hydroxylase (Ab-19) antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using Tyrosine Hydroxylase (Ab-19) antibody.



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

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	Plays an important role in the physiology of adrenergic neurons.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.
Product Categories/Family for anti-TH antibody	Total protein Ab

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
UniProt Entry Name	TY3H_HUMAN

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/polyclonal/tyrosine-hydroxylase-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306873>