

Tyrosine Hydroxylase Recombinant Antibody | TH recombinant antibody

Tyrosine Hydroxylase Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315329	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

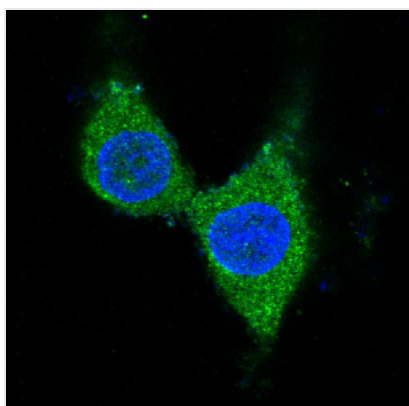
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Monoclonal Recombinant Antibody; Tyrosine Hydroxylase Rabbit mAb; EC 1.14.16.2; TH isoform 3; TH isoform a; TH-4; TY3H; TYH; Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; tyrosine hydroxylase; TH recombinant antibody

PRODUCT SPECIFICATIONS

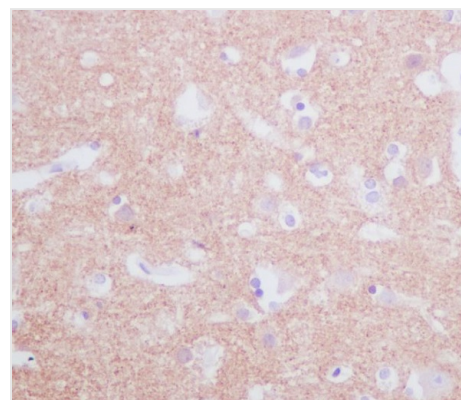
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Tyrosine Hydroxylase Antibody detects endogenous levels of Tyrosine Hydroxylase
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for TH recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Tyrosine Hydroxylase
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



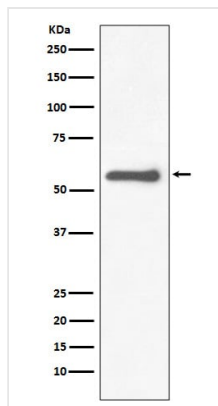
IF (Immunofluorescence)

Immunofluorescent analysis of PC-12 cells, using Tyrosine Hydroxylase Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain, using Tyrosine Hydroxylase Antibody.



WB (Western Blot)

Western blot analysis of Tyrosine Hydroxylase expression in PC12 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for TH recombinant antibody	Tyrosine hydroxylase (TH) catalyzes the rate-limiting step in the synthesis of the neurotransmitter dopamine and other catecholamines. TH functions as a tetramer, with each subunit composed of a regulatory and catalytic domain, and exists in several different isoforms. This enzyme is required for embryonic development since TH knockout mice die before or at birth.
Product Categories/Family for TH recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	88900503
NCBI GeneID	7054
NCBI Accession #	NP_000351.2
NCBI GenBank Nucleotide #	NM_000360.3
UniProt Accession #	P07101; Q15585; Q15588; Q15589; B7ZL70
Molecular Weight	58,600 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; dystonia 14; tyrosine 3-hydroxylase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/tyrosine-hydroxylase-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315329>