

Tyrosine Hydroxylase Recombinant Antibody | TH recombinant antibody

Tyrosine Hydroxylase Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315238	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

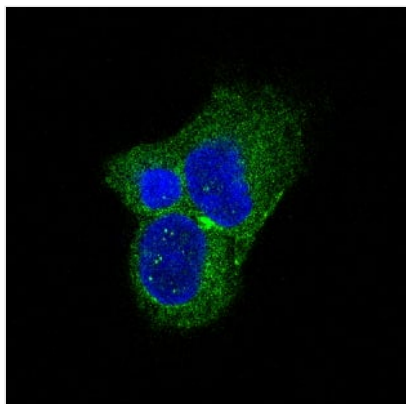
PRODUCT SYNONYMS

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

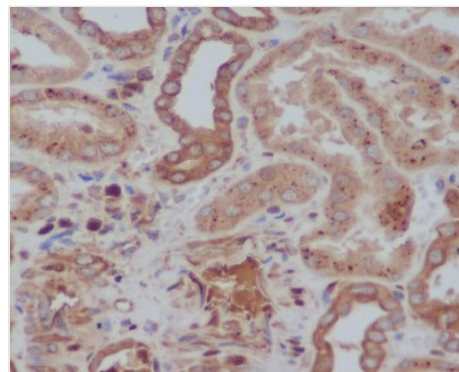
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Tyrosine Hydroxylase Antibody detects endogenous levels of total Tyrosine Hydroxylase
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for TH recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), 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



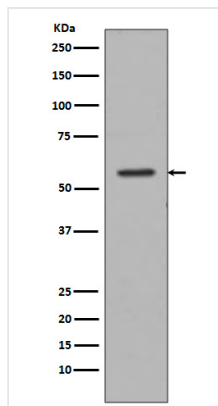
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of Tyrosine Hydroxylase expression in PC-3 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for TH recombinant antibody	Tyrosine hydroxylase (EC 1.14.16.2) is involved in the conversion of phenylalanine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons.
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tyrosine-hydroxylase-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/315238>