

Chicken Tyrosine Hydroxylase Polyclonal Antibody | anti-TH antibody

Tyrosine Hydroxylase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76591	Chicken	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, Immunocytochemistry

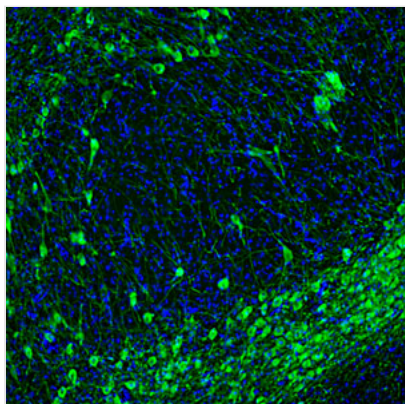
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Polyclonal Antibody; anti-TH antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Purified antibody at 1 mg/ml in 50% glycerol plus 5mM of Sodium Azide
Applicable Applications for anti-TH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen Sequence	Full length human tyrosine hydroxylase as expressed in and purified E. coli
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20°C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8°C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of rat brain section stained with chicken antibody to tyrosine hydroxylase, AAA76591, dilution 1:5,000 in green. The blue is Hoechst staining of nuclear DNA. AAA76591 stains the dopaminergic TH-positive neurons and their processes of substantia nigra

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	Tyrosine Hydroxylase (TH) is a vital enzyme in the generation of L-DOPA from the amino acid tyrosine. TH expression is restricted in the brain, but expressed highly in locations where it is found. TH antibody are useful in identifying catecholaminergic neurons. This antibody was made against full length human recombinant human tyrosine hydroxylase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88900503
NCBI GeneID	7054
NCBI Accession #	NP_000351.2
NCBI GenBank Nucleotide #	NM_000360.3
UniProt Accession #	P07101
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-immunocytochemistry-elisa/76591>