

Rabbit anti-Human Tyrosine Hydroxylase Polyclonal Antibody | anti-TH antibody

Tyrosine Hydroxylase Antibody

CATALOG # AAA303783	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

Tyrosine Hydroxylase; Polyclonal Antibody; Tyrosine Hydroxylase Antibody; DYT14 antibody; DYT5b antibody; TYH antibody; TH antibody; dystonia 14 antibody; tyrosine 3-hydroxylase antibody; tyrosine 3-monooxygenase antibody; tyrosine hydroxylase antibody; anti-TH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Tyrosine Hydroxylase protein.
Purity/Purification	Antibodies were purified by antigen-affinity chromatography.
Form/Format	Rabbit IgG in 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	497
Applicable Applications for anti-TH antibody	WB (Western Blot), IF (Immunofluorescence)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 270 of Tyrosine Hydroxylase.
Target Name	Tyrosine Hydroxylase
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

Tyrosine Hydroxylase antibody detects Tyrosine Hydroxylase protein at cytoplasm by immunofluorescent analysis. Sample: SKNSH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Tyrosine Hydroxylase protein stained by Tyrosine Hydroxylase antibody () diluted at 1:500. Blue: Hoechst 33342 staining.



Application Data

Sample (30 ug of whole cell lysate) A: IMR32 7.5% SDS PAGE diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]
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Product Categories/Family for anti-TH antibody	Total protein Ab
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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; Q0PWM2; Q0PWM3; Q15585; Q15588; Q15589; Q2M3B4; B7ZL70; B7ZL73
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-western-blot-immunofluorescence-elisa/303783>