

Rabbit Tyrosine Hydroxylase Polyclonal Antibody | anti-TH antibody

Anti-Tyrosine Hydroxylase (pS71) Phospho Antibody

CATALOG # AAA259930	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Chicken, Dog	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Tyrosine Hydroxylase; Polyclonal Antibody; Anti-Tyrosine Hydroxylase (pS71) Phospho Antibody; TYH; Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase; TH; anti-TH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Dog
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Tyrosine Hydroxylase (pS71) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	497
Applicable Applications for anti-TH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Tyrosine Hydroxylase. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Tyrosine Hydroxylase (pS71) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Tyrosine Hydroxylase (pS71) expression in HepG2 UV-treated (A), mouse brain (B), PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	Rabbit polyclonal antibody to Tyrosine Hydroxylase (pS71)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88900503
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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-immunohistochemistry-western-blot-elisa/259930>