

Mouse TH Monoclonal Antibody | anti-TH antibody

Anti-TH Antibody

CATALOG # AAA249041	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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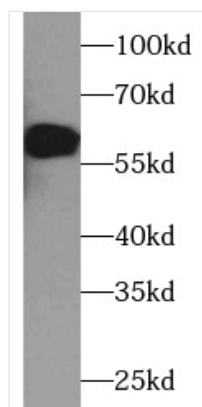
PRODUCT SYNONYMS

TH; Monoclonal Antibody; Anti-TH Antibody; TYH; Tyrosine 3 hydroxylase; Tyrosine 3 monooxygenase; anti-TH antibody

PRODUCT SPECIFICATIONS

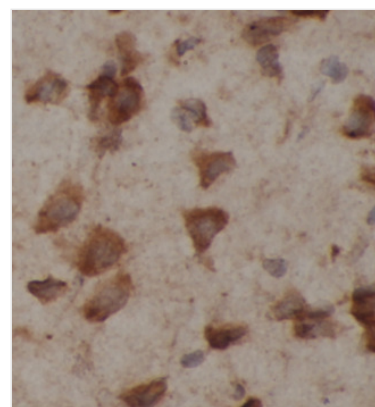
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G Purified
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Sequence Length	497
Applicable Applications for anti-TH antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Tyrosine hydroxylase
Preparation and Storage	Store at -20 degree C for 24 months. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

PC-12 cells tissue were subjected to SDS PAGE followed by western blot with AAA249041 (TH Antibody) at dilution of 1:3000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain tissue slide using AAA249041 (TH Antibody) at dilution of 1:100

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.
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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
Molecular Weight	60 kDa
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://www.aaabiotech.com/monoclonal/th-antibody-immunohistochemistry-western-blot-elisa/249041>