

Mouse anti-Mouse, Rat TH Monoclonal Antibody | anti-TH antibody

TH Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174478	Mouse	Mouse, Rat	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

TH; Monoclonal Antibody; TH Monoclonal Antibody; Dystonia 14; DYT14; DYT5b; EC 1.14.16.2; OTTHUMP00000011225; OTTHUMP00000011226; ple; Protein Pale; The; TY3H; TYH; Tyrosine 3 hydroxylase; Tyrosine 3 monooxygenase; Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; Tyrosine hydroxylase; anti-TH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	5B7D10
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4
Sequence Length	498
Applicable Applications for anti-TH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant protein corresponding to Mouse Tyrosine Hydroxylase
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded rat brain using TH Monoclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat substantia nigra using TH Monoclonal Antibody at dilution of 1:1000.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse striatum using TH Monoclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	TH(Tyrosine 3-monoxygenase) converts L-tyrosine to L-3, 4-dihydroxyphenylalanine (L-DOPA), the essential and rate-limiting step to formation of dopamine and other catecholamines. TH plays an important role in the physiology of adrenergic neurons and can be used as a marker for dopaminergic and noradrenergic neurons.
Product Categories/Family for anti-TH antibody	Cancer; Metabolism; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678337
NCBI GeneID	21823
NCBI Accession #	NP_033403.1
NCBI GenBank Nucleotide #	NM_009377.2
UniProt Accession #	P24529; P04177
NCBI Official Full Name	tyrosine 3-monoxygenase
NCBI Official Synonym Full Names	tyrosine hydroxylase
NCBI Official Symbol	Th
NCBI Protein Information	tyrosine 3-monoxygenase
UniProt Protein Name	Tyrosine 3-monoxygenase
UniProt Gene Name	Th
UniProt Synonym Gene Names	TH

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/th-antibody-clone-5b7d10-immunofluorescence-immunohistochemistry-elisa/174478>