

Mouse anti-Rat Tyrosine Hydroxylase Monoclonal Antibody | anti-TH antibody

Tyrosine Hydroxylase Mouse Monoclonal Antibody (TOH A1.1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77831	Mouse	Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Tyrosine Hydroxylase; Monoclonal Antibody; Tyrosine Hydroxylase Mouse Monoclonal Antibody (TOH A1.1); Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase; TOH; anti-TH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG1
Specificity	The antibody recognizes the full length TOH
Form/Format	Lyophilized protein G purified in PBS pH7.4
Sequence Length	106
Applicable Applications for anti-TH antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	Full length TOH
Preservative	None
Preparation and Storage	<p>Lyophilized antibody can be kept at 4 degree C for up to 3 months and should be kept at -20 degree C for long-term storage.</p> <p>To avoid freeze-thaw cycles, reconstituted antibody should be aliquoted before freezing for short-term storage (-20 degree C) or for long-term storage (-80 degree C).</p> <p>For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer.</p>

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	Tyrosine hydroxylase is the rate-limiting enzyme in the catecholamine synthesis. It is responsible for the hydroxylation of L-tyrosine, which is further converted to give rise to dopamine, norepinephrine and epinephrine.
References	1. Semenenko FM-A monoclonal antibody against tyrosine hydroxylase: application in light and electron microscopy. 2. Melander T-Coexistence of galanin-like immunoreactivity with catecholamines, 5-hydroxytryptamine, GABA and neuropeptides in the rat CNS.

NCBI AND UNIPROT INFORMATION

NCBI GI #	986909
NCBI GeneID	7054
Molecular Weight	58,160 Da
NCBI Official Full Name	tyrosine hydroxylase, partial

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

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/tyrosine-hydroxylase-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/77831>