

Rabbit anti-Mouse, Rat TH Polyclonal Antibody | anti-TH antibody

TH Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174395	Rabbit	Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

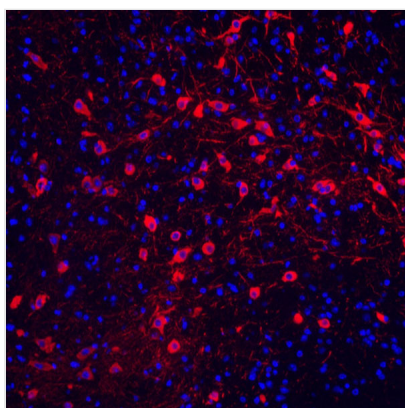
PRODUCT SYNONYMS

TH; Polyclonal Antibody; TH Polyclonal 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

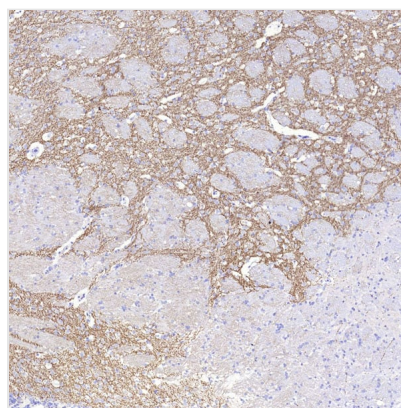
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	370 mug/mL (varies by lot)
Sequence Length	498
Applicable Applications for anti-TH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein corresponding to Mouse Tyrosine Hydroxylase
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

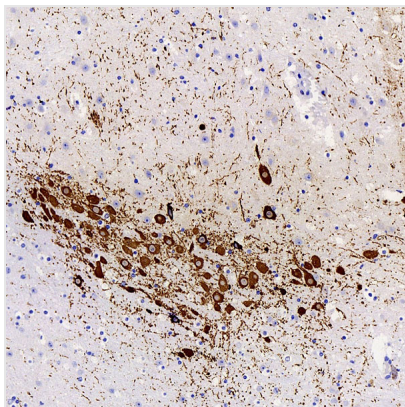
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse brain using TH Polyclonal Antibody at dilution of 1:300.

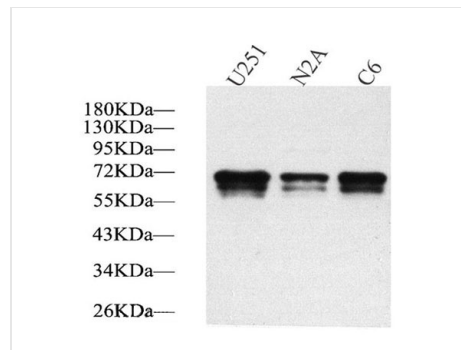

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain striatum using TH Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain striatum using TH Polyclonal Antibody at dilution of 1:300.



WB (Western Blot)

Western Blot analysis of various samples using TH Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	TH(Tyrosine 3-monooxygenase) 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
Molecular Weight	Calculated: 62kDa Observed: 62kDa
NCBI Official Full Name	tyrosine 3-monooxygenase
NCBI Official Synonym Full Names	tyrosine hydroxylase
NCBI Official Symbol	Th
NCBI Protein Information	tyrosine 3-monooxygenase
UniProt Protein Name	Tyrosine 3-monooxygenase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/th-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/174395>