

Tyrosine Hydroxylase Antibody | anti-TH antibody

Tyrosine Hydroxylase, Affinity Purified Antibody, Sheep

CATALOG # AAA76444	REACTIVITY Human, Mouse, Primate, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry
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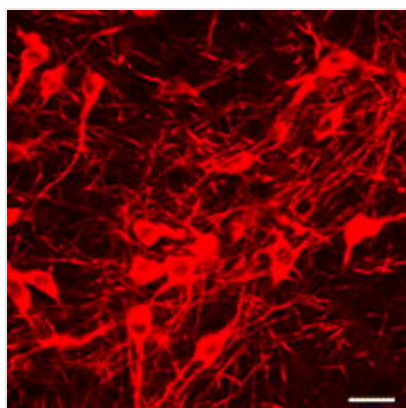
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Affinity Purified Antibody; Sheep; anti-TH antibody

PRODUCT SPECIFICATIONS

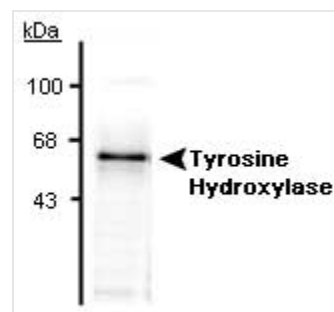
Reactivity	Human, Mouse, Primate, Rat
Form/Format	Affinity Purified - Liquid
Sequence Length	106
Applicable Applications for anti-TH antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Type Info	Sheep IgG
Immunogen	Native rat tyrosine hydroxylase purified from pheochromocytoma.

IMAGES



Application Data

Image: TH staining of neurons in the mouse SNc.



Application Data

Image: Detection of tyrosine hydroxylase in PC12 cell lysate by Western Blot. Band is at approximately 60 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	Tyrosine hydroxylase (TH) is the rate-limiting enzyme in the synthesis of the catecholamines dopamine, epinephrine and norepinephrine. Therefore the regulation of the TH enzyme represents the central means for controlling the synthesis of these important catecholamines. TH has a large molecular diversity, resulting from differential splicing of its mRNA, which is tissue specific and might result in long term changes in activity of the enzyme and the availability of neurotransmitter at various synapses. The presence of different DNA sequences at the TH locus confers susceptibility to various disorders of the brain including manic-depression and schizophrenia. Parkinson's disease is also considered a TH deficiency, as low dopamine levels are a consistent neurochemical abnormality.
Product Categories/Family for anti-TH antibody	Antibodies ; Neuronal-Glial Markers ; Neuron/Synapse Markers ; Tyrosine Hydroxylase

NCBI AND UNIPROT INFORMATION

NCBI GI #	986909
NCBI GeneID	7054
Molecular Weight	44,898 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
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/human-mouse-primate-rat-antibody/tyrosine-hydroxylase/76444>