

Rabbit TH Polyclonal Antibody | anti-TH antibody

TH antibody - N-terminal region

CATALOG # AAA201657	HOST Rabbit	REACTIVITY Cow, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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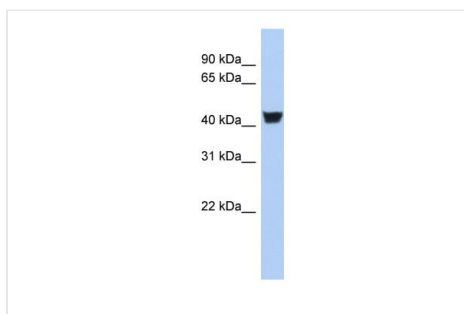
PRODUCT SYNONYMS

TH; Polyclonal Antibody; TH antibody - N-terminal region; anti-TH antibody

PRODUCT SPECIFICATIONS

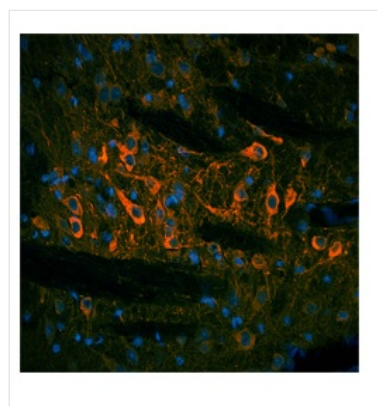
Host	Rabbit
Reactivity	Cow, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MP TPDATTPQAK GFRRVSELD AKQAEAIMVR GQSPRFIGRR QSLIEDAR
Sequence Length	407
Applicable Applications for anti-TH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 90%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the n terminal region of human TH
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TH Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Stomach



IHC (Immunohistochemistry)

rat and mouse brain

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	This is a rabbit polyclonal antibody against TH. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Plays an important role in the physiology of adrenergic neurons. Tyrosine hydroxylase is involved in the conversion of tyrosine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons.
Product Categories/Family for anti-TH antibody	Polyclonal; Drugs and Drug Metabolism; Various; Immunohistochemistry; Cell Structure; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	121948087
NCBI GeneID	7054
UniProt Accession #	Q0PWM2; P07101
Molecular Weight	45kDa
NCBI Official Synonym Full Names	tyrosine hydroxylase
NCBI Official Symbol	TH
NCBI Official Synonym Symbols	TYH; DYT14; DYT5b
NCBI Protein Information	tyrosine 3-monoxygenase

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/polyclonal/th-antibody-western-blot-immunohistochemistry-elisa/201657>