

Mouse Tyrosine Hydroxylase Monoclonal Antibody | anti-TH antibody

Tyrosine Hydroxylase (PTR2544) Mouse mAb

CATALOG # AAA320459	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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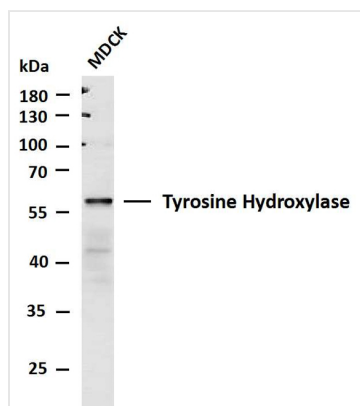
PRODUCT SYNONYMS

Tyrosine Hydroxylase; Monoclonal Antibody; Tyrosine Hydroxylase (PTR2544) Mouse mAb; Tyrosine Hydrolase; Tyrosine 3-monooxygenase (EC 1.14.16.2)(Tyrosine 3-hydroxylase)(TH); anti-TH antibody

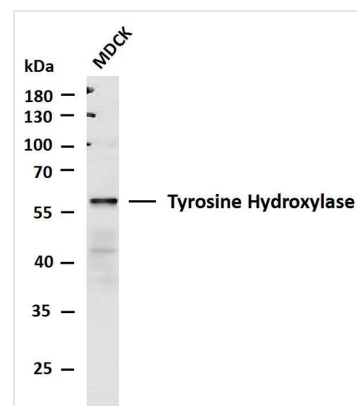
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	PTR2544
Specificity	This antibody detects endogenous levels of Tyrosine Hydroxylase protein.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human Tyrosine Hydrolase
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

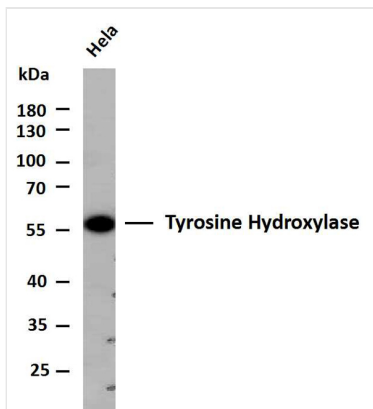
IMAGES



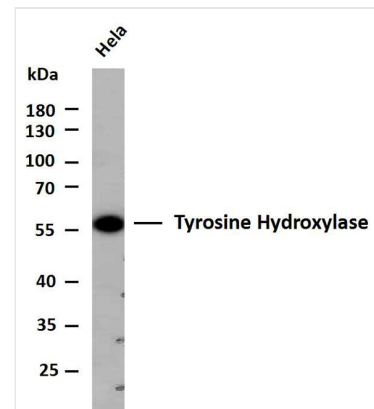
Application Data



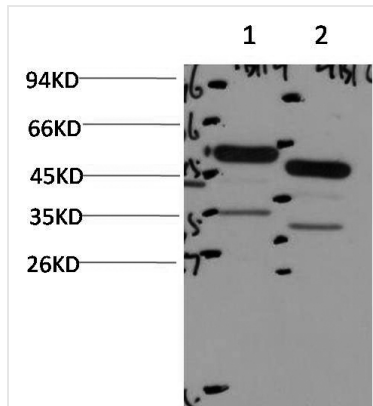
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WB (Western Blot)

Western blot analysis of 1)PC12 Cell. 2) Mouse Brain Tissue Lysate using Tyrosine Hydroxylase Mouse Monoclonal mAb diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-TH antibody	The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-TH antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	88900503
NCBI GeneID	7054
NCBI Accession #	NP_000351.2
NCBI GenBank Nucleotide #	NM_000360.3
UniProt Accession #	P07101 ; Q15585 ; Q15588 ; Q15589 ; B7ZL70
Molecular Weight	58,600 Da
NCBI Official Full Name	tyrosine 3-monooxygenase isoform b
NCBI Official Synonym Full Names	tyrosine hydroxylase
NCBI Official Symbol	TH
NCBI Official Synonym Symbols	TYH; DYT14; DYT5b

NCBI Protein Information	tyrosine 3-monooxygenase; dystonia 14; tyrosine 3-hydroxylase
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://stage.aaabiotech.com/monoclonal/tyrosine-hydroxylase-antibody-clone-ptr2544-western-blot-immunohistochemistry-elisa/320459>