

Rabbit TPH1 / TPH Polyclonal Antibody | anti-TPH1 antibody

Rabbit Polyclonal (IgG) to Human TPH1 / TPH

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51491	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

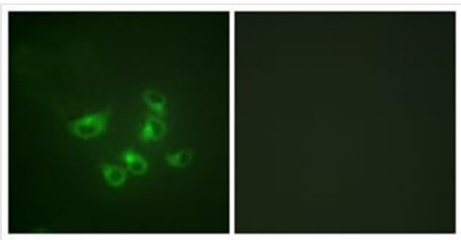
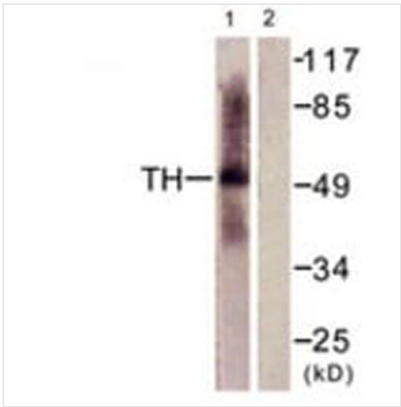
PRODUCT SYNONYMS

TPH1 / TPH; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human TPH1 / TPH; Anti-TPH1 / TPH Antibody (aa26-75) IHC-plus; TPH1; L-tryptophan hydroxylase; TRPH; Tryptophan 5-hydroxylase 1; Tryptophan 5-monoxygenase 1; TPRH; Tryptophan hydroxylase 1; TPH; Human TPH1; anti-TPH1 antibody

PRODUCT SPECIFICATIONS

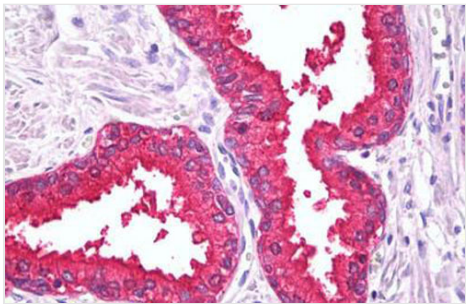
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Tryptophan Hydroxylase antibody detects endogenous levels of total Tryptophan Hydroxylase protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	444
Applicable Applications for anti-TPH1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human Tryptophan Hydroxylase (aa26-75).
Immunogen	TPH1 / TPH antibody was raised against synthetic peptide from human Tryptophan Hydroxylase (aa26-75).
Antigen Modification	aa26-75
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of HepG2 cells, using Tryptophan Hydroxylase antibody. The picture on the right is treated with the synthesized peptide.

WB (Western Blot)
Western blot of extracts from HepG2 cells, using Tryptophan Hydroxylase antibody. The lane on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)
Anti-TPH1 / TPH antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TPH1 antibody	Family: Monooxygenase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4759248
NCBI GeneID	7166
NCBI Accession #	NP_004170.1
NCBI GenBank Nucleotide #	NM_004179.2
UniProt Accession #	P17752 ; O95188 ; O95189 ; Q16736 ; Q3KPG8 ; D3DQX6
Molecular Weight	53,394 Da
NCBI Official Full Name	tryptophan 5-hydroxylase 1
NCBI Official Synonym Full Names	tryptophan hydroxylase 1
NCBI Official Symbol	TPH1
NCBI Official Synonym Symbols	TPRH; TRPH
NCBI Protein Information	tryptophan 5-hydroxylase 1; L-tryptophan hydroxylase; tryptophan 5-monooxygenase 1; indoleacetic acid-5-hydroxylase; tryptophan hydroxylase (tryptophan 5-monooxygenase)

UniProt Protein Name	Tryptophan 5-hydroxylase 1
UniProt Gene Name	TPH1
UniProt Synonym Gene Names	TPH; TPRH; TRPH
UniProt Entry Name	TPH1_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/polyclonal/tp1-tp1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/51491>