

Rabbit TPH1/Tryptophan Hydroxylase Polyclonal Antibody | anti-TPH1 antibody

TPH1/Tryptophan Hydroxylase Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162725	HOST Rabbit	REACTIVITY Mouse, Rat, Human	APPLICATIONS Western Blot, Immunohistochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

TPH1/Tryptophan Hydroxylase; Polyclonal Antibody; TPH1/Tryptophan Hydroxylase Rabbit anti-Human Polyclonal Antibody; IHC-plus TPH1/Tryptophan Hydroxylase Antibody; TPH1; L-tryptophan hydroxylase; TRPH; Tryptophan 5-hydroxylase 1; Tryptophan 5-monoxygenase 1; TPRH; Tryptophan hydroxylase 1; TPH; anti-TPH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human TPH1/TPH
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Applicable Applications for anti-TPH1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human TPH1/Tryptophan Hydroxylase
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 345-444 of human TPH1 (NP_004170.1). LSGHAKVKPFDPKITCKQECLITTFQDVYFVSESFEDAKEKMRFTKTIKRPFGVKYNPYTRSIQILKDKSITSAMNELQHDLVDVSDALAKVSRKPSI
Conjugation	Unconjugated
Family	Monoxygenase
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TPH1/Tryptophan Hydroxylase Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

TPH1/Tryptophan Hydroxylase Antibody-Western blot analysis of extracts of THP-1 cell lines, using TPH1 antibody.



WB (Western Blot)

TPH1/Tryptophan Hydroxylase Antibody-Western blot analysis of extracts of various cell lines, using TPH1 antibody at 1:1000 dilution. The secondary antibody used was an HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates were loaded 25ug per lane and 3% nonfat dry milk in TBST was used for blocking. An ECL Kit was used for detection and the exposure time was 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-TPH1 antibody

Tryptophan Hydroxylase antibody is an unconjugated rabbit polyclonal antibody to Tryptophan Hydroxylase (TPH1) from human. It is reactive with human, mouse and rat. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759248
NCBI GeneID	7166
NCBI Accession #	NP_004170.1
NCBI GenBank Nucleotide #	NM_004179
UniProt Accession #	P17752 ; O95188 ; O95189 ; Q16736 ; Q3KPG8 ; D3DQX6
Molecular Weight	50,985 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/tph1-tryptophan-hydroxylase-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162725>