

Rabbit TPH1 Polyclonal Antibody | anti-TPH1 antibody

TPH1 Polyclonal Antibody

CATALOG # AAA168142	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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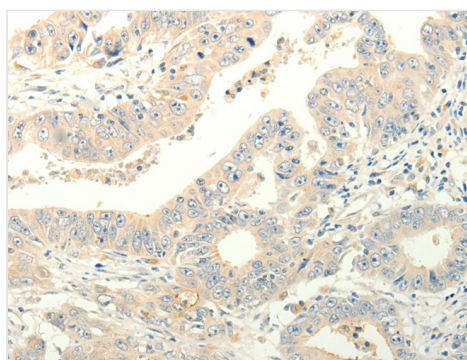
PRODUCT SYNONYMS

TPH1; Polyclonal Antibody; TPH1 Polyclonal Antibody; TPRH; TRPH; anti-TPH1 antibody

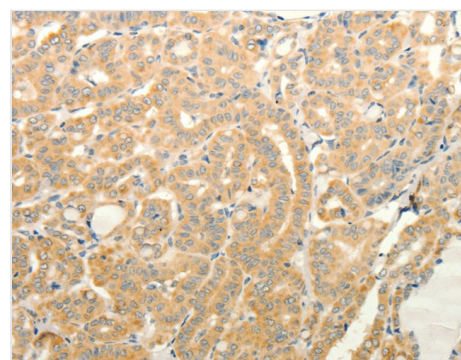
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.7mg/mL (varies by lot)
Sequence Length	444
Applicable Applications for anti-TPH1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human TPH1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TPH1 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TPH1 Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-TPH1 antibody

This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety, anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.

Product Categories/Family for anti-TPH1 antibody	Cancer; Neuroscience
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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
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; indoleacetic acid-5-hydroxylase; tryptophan 5-monooxygenase 1; 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-antibody-immunohistochemistry-elisa/168142>