

Rabbit TPH2 Polyclonal Antibody | anti-TPH2 antibody

TPH2 Antibody

CATALOG # AAA308450	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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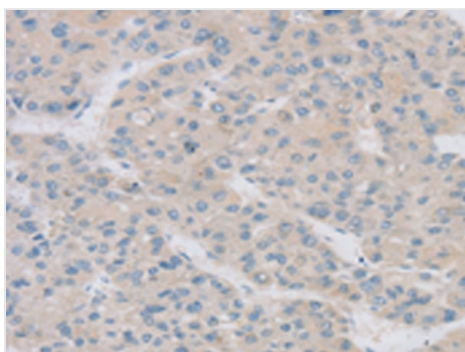
PRODUCT SYNONYMS

TPH2; Polyclonal Antibody; TPH2 Antibody; NTPH; ADHD7; anti-TPH2 antibody

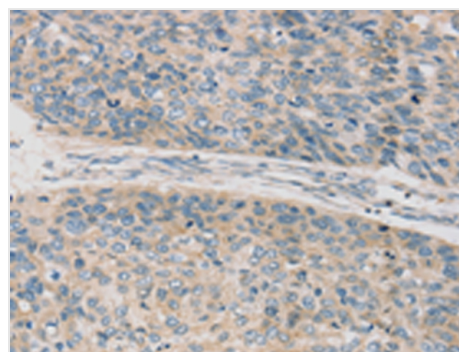
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TPH2 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.2 mg/ml (varies by lot)
Sequence Length	490
Applicable Applications for anti-TPH2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human TPH2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

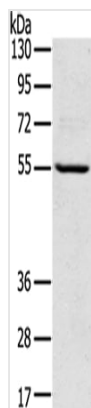
IMAGES


IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.


IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/20.



WB (Western Blot)

Gel: 8%SDS-PAGE Lysate: 40 μ g Lane: Huvec cells Primary antibody: 1/300 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-TPH2 antibody	This gene encodes a member of the pterin-dependent aromatic acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. The human genome contains two related tryptophan hydroxylases, one on chromosome 11p15-p14 and one on chromosome 12q21. This gene is expressed predominantly in the brain stem.
Product Categories/Family for anti-TPH2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	31795563
NCBI GeneID	121278
NCBI Accession #	NP_775489.2
NCBI GenBank Nucleotide #	NM_173353.3
UniProt Accession #	Q8IWU9; Q14CB0; A6NGA4
Molecular Weight	56,242 Da
NCBI Official Full Name	tryptophan 5-hydroxylase 2
NCBI Official Synonym Full Names	tryptophan hydroxylase 2
NCBI Official Symbol	TPH2
NCBI Official Synonym Symbols	NTPH; ADHD7
NCBI Protein Information	tryptophan 5-hydroxylase 2
UniProt Protein Name	Tryptophan 5-hydroxylase 2
UniProt Gene Name	TPH2
UniProt Synonym Gene Names	NTPH
UniProt Entry Name	TPH2_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/tpH2-antibody-immunohistochemistry-western-blot-elisa/308450>