

Rabbit Tryptophan Hydroxylase Polyclonal Antibody | anti-TPH antibody

Tryptophan Hydroxylase (Phospho-Ser260) Antibody

CATALOG # AAA316386	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Tryptophan Hydroxylase; Polyclonal Antibody; Tryptophan Hydroxylase (Phospho-Ser260) Antibody; anti-TPH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Tryptophan Hydroxylase (Phospho-Ser260) Antibody detects endogenous levels of Tryptophan Hydroxylase only when phosphorylated at Ser260.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	466
Applicable Applications for anti-TPH antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S260; M:S263; R:S260
Immunogen	The antiserum was produced against synthesized peptide derived from human Tryptophan Hydroxylase around the phosphorylation site of Ser260.
Immunogen Range	231-280
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Jurkat cells and HepG2 cells, using Tryptophan Hydroxylase (Phospho-Ser260) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Tryptophan Hydroxylase (Phospho-Ser260) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759248
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NCBI GeneID	7166
NCBI Accession #	NP_004170.1
NCBI GenBank Nucleotide #	NM_004179.2
UniProt Accession #	P17752; O95188; O95189; Q16736; Q3KPG8; D3DQX6
Molecular Weight	50 kDa
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
UniProt Protein Name	Tryptophan 5-hydroxylase 1
UniProt Gene Name	TPH1
UniProt Synonym Gene Names	TPH; TPRH; TRPH

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/tryptophan-hydroxylase-antibody-immunohistochemistry-western-blot-elisa/316386>