

Tryptophan Hydroxylase Antibody | anti-TPH antibody

Tryptophan Hydroxylase (Phospho-Ser260) Antibody

CATALOG # AAA267561	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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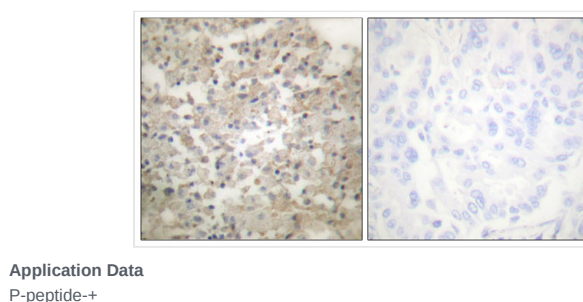
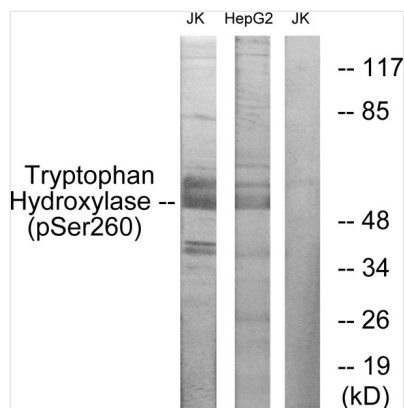
PRODUCT SYNONYMS

Tryptophan Hydroxylase; Tryptophan Hydroxylase (Phospho-Ser260) Antibody; EC 1.14.16.4; TRPH; tryptophan 5-hydroxylase 1; tryptophan 5-monoxygenase 1; anti-TPH antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Tryptophan Hydroxylase (Phospho-Ser260) antibody detects endogenous levels of Tryptophan Hydroxylase only when phosphorylated at serine 260.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	444
Applicable Applications for anti-TPH antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Tryptophan Hydroxylase around the phosphorylation site of serine 260 (H-S-SP-D-P).
All Sites	Human: Ser260 Mouse: Ser260 Rat: Ser263
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using Tryptophan Hydroxylase (Phospho-Ser260) antibody. Western blot analysis of extracts from Jurkat cells and HepG2 cells, using Tryptophan Hydroxylase (Phospho-Ser260) antibody.

ADDITIONAL INFORMATION

References	Boulalard S., Nucleic Acids Res. 18:4257-4257(1990). Tipper J.P., Arch. Biochem. Biophys. 315:445-453(1994). Wang G.A., J. Neurochem. 71:1769-1772(1998).
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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
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/tph-human-mouse-rat-antibody/tryptophan-hydroxylase/267561>