

## Anti-TPH1 antibody (200-280) (STJ96075)

STJ96075

### GENERAL INFORMATION

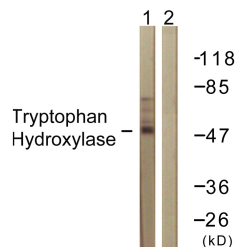
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Tryptophan 5-Hydroxylase 1 (200-280) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

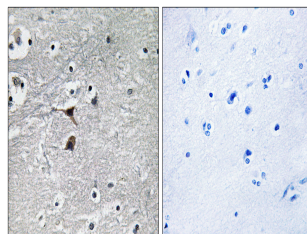
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

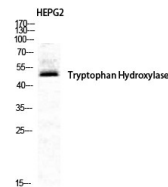
<b>Gene ID</b>	7166
<b>Gene Symbol</b>	TPH1
<b>Uniprot ID</b>	TPH1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Tryptophan Hydroxylase at amino acid range 231-280
<b>Immunogen Region</b>	200-280
<b>Specificity</b>	TPH1 polyclonal antibody (Tryptophan 5-Hydroxylase 1) binds to endogenous Tryptophan 5-Hydroxylase 1 at the amino acid region 200-280.
<b>Immunogen Sequence</b>	



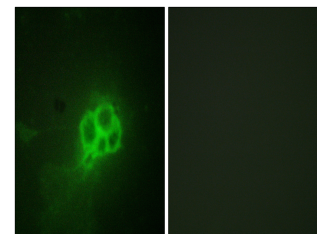
Western blot analysis of lysates from Jurkat cells, using Tryptophan Hydroxylase Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Tryptophan Hydroxylase Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of HepG2 cells using TPH1 Polyclonal Antibody diluted at 1: 500. Secondary antibody was diluted at 1:20000



Immunofluorescence analysis of HUVEC cells, using Tryptophan Hydroxylase Antibody. The picture on the right is blocked with the synthesized peptide.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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