

Anti-TPH1 antibody (40-120) (STJ96074)

STJ96074

GENERAL INFORMATION

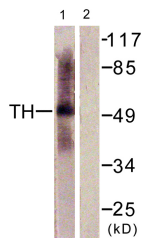
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Tryptophan 5-Hydroxylase 1 (40-120) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

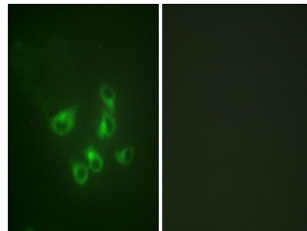
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02%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

TARGET INFORMATION

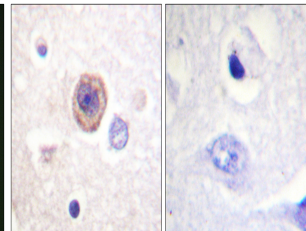
Gene ID	7166
Gene Symbol	TPH1
Uniprot ID	TPH1_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human Tryptophan Hydroxylase at amino acid range 26-75
Immunogen Region	40-120
Specificity	TPH1 polyclonal antibody (Tryptophan 5-Hydroxylase 1) binds to endogenous Tryptophan 5-Hydroxylase 1 at the amino acid region 40-120.
Immunogen Sequence	



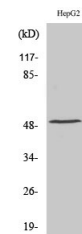
Western blot analysis of lysates from HepG2 cells, using Tryptophan Hydroxylase Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HepG2 cells, using Tryptophan Hydroxylase Antibody. The picture 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 various cells using TPH1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

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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