

Anti-Phospho-TH-Ser62 antibody (10-90) (STJ90748)

STJ90748

GENERAL INFORMATION

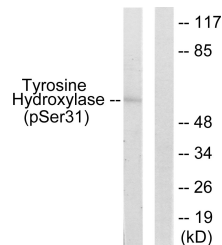
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Tyrosine 3-Monooxygenase-Ser62 (10-90) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB, IHC-P, IF-P, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat, Monkey

PRODUCT PROPERTIES

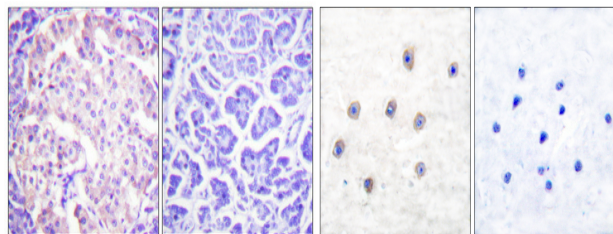
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:5000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
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

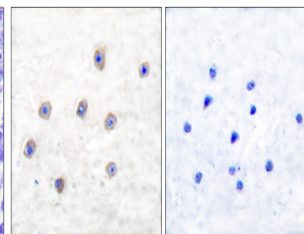
Gene ID	7054
Gene Symbol	TH
Uniprot ID	TY3H_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human Tyrosine Hydroxylase around the phosphorylation site of Ser31 at amino acid range 1-50
Immunogen Region	10-90
Specificity	Phospho-TH-Ser62 polyclonal antibody (Tyrosine 3-Monooxygenase) binds to endogenous Tyrosine 3-Monooxygenase at the amino acid region 10-90 only when phosphorylated at Ser62.
Immunogen Sequence	



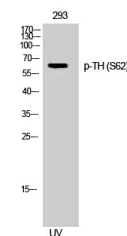
Western blot analysis of lysates from 293 cells treated with UV 15', using Tyrosine Hydroxylase (Phospho-Ser31) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human pancreas. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using Tyrosine Hydroxylase (Phospho-Ser31) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of 293 cells using Phospho-TH (S62) Polyclonal Antibody