

## Anti-TH antibody (10-90) (STJ96003)

STJ96003

### GENERAL INFORMATION

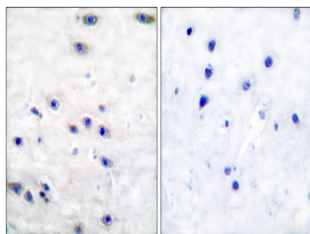
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Tyrosine 3-Monooxygenase (10-90) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC,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

### PRODUCT PROPERTIES

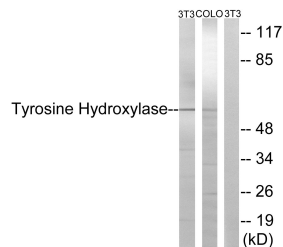
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
<b>Formulation</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

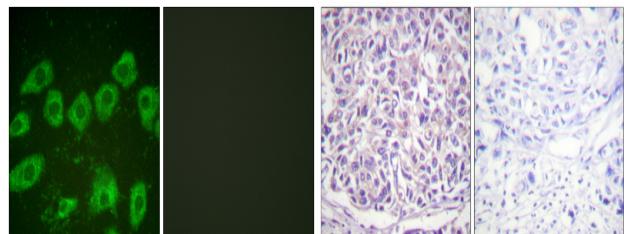
<b>Gene ID</b>	7054
<b>Gene Symbol</b>	TH
<b>Uniprot ID</b>	TY3H_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Tyrosine Hydroxylase at amino acid range 10-59
<b>Immunogen Region</b>	10-90
<b>Specificity</b>	TH polyclonal antibody (Tyrosine 3-Monooxygenase) binds to endogenous Tyrosine 3-Monooxygenase at the amino acid region 10-90.
<b>Immunogen Sequence</b>	



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



Western blot analysis of lysates from NIH/3T3/COLO cells, treated with Forskolin 40nM 30', using Tyrosine Hydroxylase Antibody. The lane on the right is blocked with the synthesized peptide.



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

Immunohistochemical analysis of paraffin-embedded Human breast cancer. 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.