

## Anti-Phospho-TH-Ser31 antibody (STJA0003818)

STJA0003818

### GENERAL INFORMATION

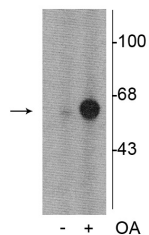
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Tyrosine Hydroxylase-Ser31 is suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry research applications.
<b>Applications</b>	WB/IHC/ICC
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat/Non-Human Primates

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	This antibody was antigen affinity purified from pooled serum.
<b>Dilution Range</b>	WB 1:1000 IHC 1:300-1:1000 ICC 1:50-1:300
<b>Formulation</b>	100 µl in 10 mM HEPES (pH 7.5) , 150 mM NaCl, 100 µg per ml BSA and 50% Glycerol.
<b>Isotype</b>	IgG
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	25085
<b>Gene Symbol</b>	Th
<b>Uniprot ID</b>	TY3H_RAT
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser31 conjugated to KLH.
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot of PC-12 cell lysate incubated in the absence (-) and presence (+) of okadaic acid (OA, 1 µM for 60 min) showing specific immunolabeling of the ~60 kDa tyrosine hydroxylase phosphorylated at Ser31.