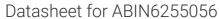
# antibodies -online.com





## anti-Tyrosine Hydroxylase antibody (pSer19)





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Quantity:	100 μL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	pSer19
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC)

### **Product Details**

lmmunogen:	A synthesized peptide derived from human Tyrosine Hydroxylase around the phosphorylation site of Serine 19
Isotype:	IgG
Specificity:	Phospho-Tyrosine Hydroxylase (Ser19) Antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at Serine 19
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

## **Target Details**

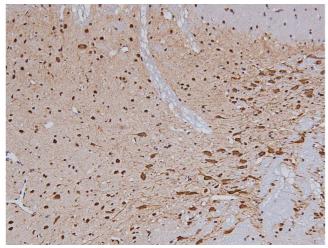
Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	Tyrosine Hydroxylase (TH Products)
Background:	Description: Plays an important role in the physiology of adrenergic neurons.  Gene: TH
Molecular Weight:	60 kDa
Gene ID:	7054
UniProt:	P07101
Pathways:	Dopaminergic Neurogenesis, Response to Water Deprivation, Sensory Perception of Sound, Carbohydrate Homeostasis, Feeding Behaviour

## **Application Details**

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Restrictions:	For Research Use only

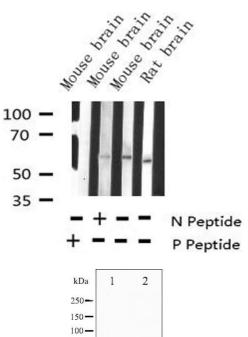
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



#### **Immunohistochemistry**

**Image 1.** ABIN6267324 at 1/200 staining Rat brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



75-

50**-**

25**-**

15-

#### **Western Blotting**

**Image 2.** Western blot analysis of Phospho-Tyrosine Hydroxylase (Ser19) expression in various lysates

### **Western Blotting**

**Image 3.** Western blot analysis of Tyrosine Hydroxylase phosphorylation expression in PC12 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Please check the product details page for more images. Overall 4 images are available for ABIN6255056.