

# TH Polyclonal Antibody

Catalog Number: E-AB-70077

8 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

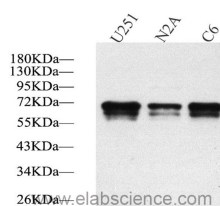
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein corresponding to Mouse Tyrosine Hydroxylase
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

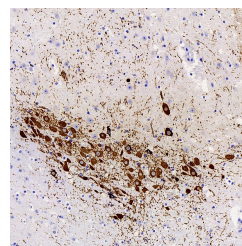
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:300-1:800
<b>IF</b>	1:200-1:800

## Data

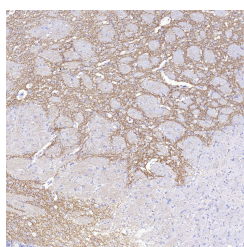


Western Blot analysis of various samples using TH Polyclonal Antibody at dilution of 1:1000.

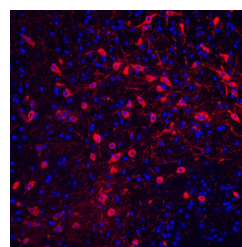
**Observed Mw: 62kDa**  
**Calculated Mw: 62kDa**



Immunohistochemistry analysis of paraffin-embedded Mouse brain striatum using TH Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded Rat brain striatum using TH Polyclonal Antibody at dilution of 1:300.



Immunofluorescence analysis of paraffin-embedded mouse brain using TH Polyclonal Antibody at dilution of 1:300.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

TH (Tyrosine 3-monooxygenase) converts L-tyrosine to L-3,4-dihydroxyphenylalanine (L-DOPA), the essential and rate-

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limiting step to formation of dopamine and other catecholamines. TH plays an important role in the physiology of adrenergic neurons and can be used as a marker for dopaminergic and noradrenergic neurons.

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