

# Tyrosine Hydroxylase Rabbit pAb

Catalog No.: A0028

14 Publications

## Basic Information

### Observed MW

59kDa/58kDa

### Calculated MW

59kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

## Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

7054

### Swiss Prot

P07101

### Immunogen

A synTyrosine Hydroxylase etic peptide corresponding to a sequence wiTyrosine Hydroxylase in amino acids 411-528 of human Tyrosine Hydroxylase (NP\_954986.2).

### Synonyms

TYH; DYT14; DYT5b; Tyrosine Hydroxylase

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

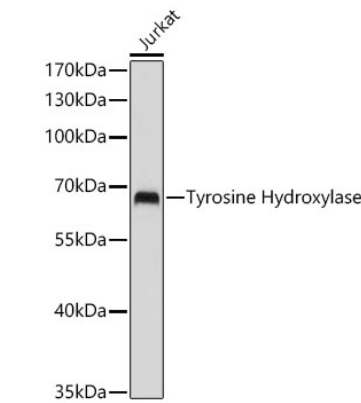
Affinity purification

### Storage

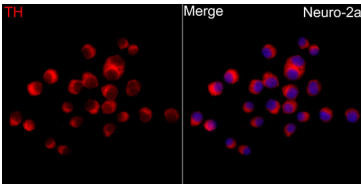
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

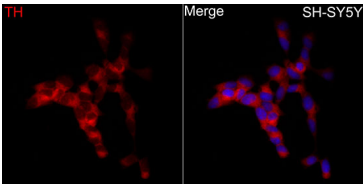
Validation Data



Western blot analysis of lysates from Jurkat cells using Tyrosine Hydroxylase Rabbit pAb(A0028) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of Neuro-2a cells using Tyrosine Hydroxylase Rabbit pAb (A0028) at dilution of 1:100 (40x lens).  
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using Tyrosine Hydroxylase Rabbit pAb (A0028) at dilution of 1:100 (40x lens).  
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.