

A0028

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Tyrosine Hydroxylase Rabbit pAb

Catalog No.: A0028

13 Publications

Basic Information

Observed MW

59kDa/58kDa

Calculated MW

59kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

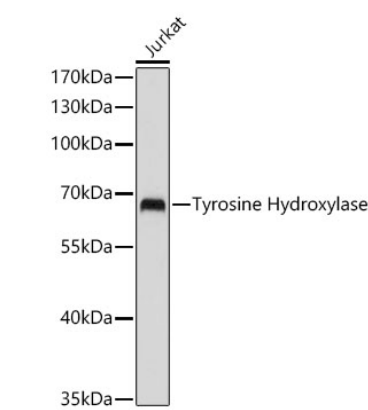
Affinity purification

Storage

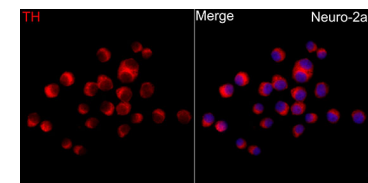
Store at -20°C. Avoid freeze / thaw cycles.

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

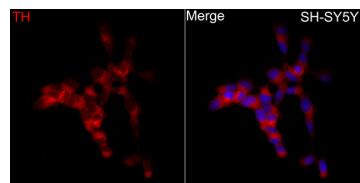
Validation Data



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.