

Tyrosine Hydroxylase Rabbit pAb

Catalog No.: A0028 **3 Publications**

Basic Information

Catalog No.

A0028

Observed MW

59kDa

Calculated MW

44kDa/45kDa/55kDa/56kDa/58kDa

Category

Primary antibody

Applications

WB, IHC, IF

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
IHC	1:50 - 1:100
IF	1:50 - 1:100

Immunogen Information

Gene ID

7054

Swiss Prot

P07101

Immunogen

A synTyrosine Hydroxylase etic peptide corresponding to a sequence wiTyrosine Hydroxylase in amino acids 1-100 of human Tyrosine Hydroxylase (NP_954986.2).

Synonyms

DYT14;DYT5b;TYH;TH

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

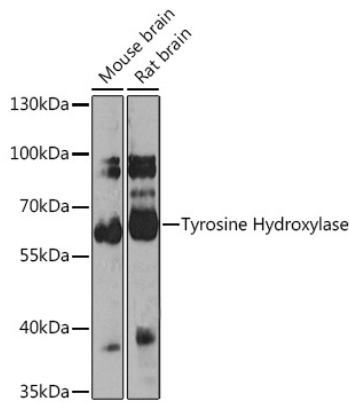
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Tyrosine Hydroxylase antibody (A0028) at 1:1000 dilution.

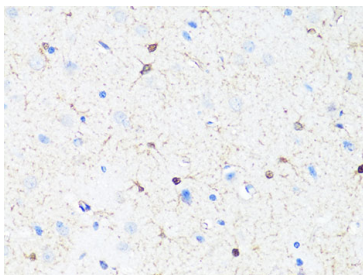
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

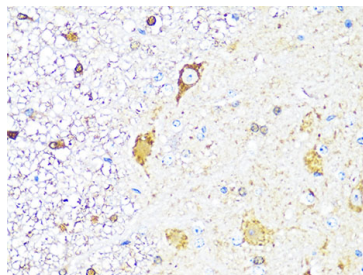
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 15s.



Immunohistochemistry of paraffin-embedded rat brain using Tyrosine Hydroxylase Antibody (A0028) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spinal cord using Tyrosine Hydroxylase Antibody (A0028) at dilution of 1:100 (40x lens).