

Tyrosine Hydroxylase Rabbit pAb

Catalog No.: A0028 **4 Publications**

Basic Information

Catalog No.

A0028

Observed MW

59kDa

Calculated MW

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

Category

Primary antibody

Applications

WB, IF


Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:1000
IF	1:50 - 1:100

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
7054	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

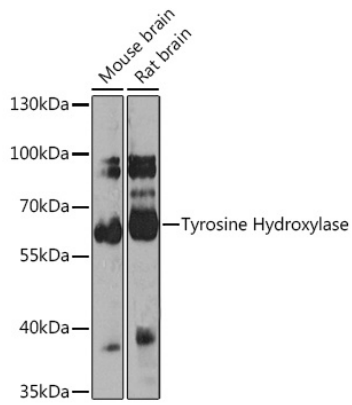
Product Information

Source	Isotype	Purification
Rabbit	IgG	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.