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# Phospho-Tyrosine Hydroxylase-S31 Rabbit pAb

Catalog No.: AP0210

# **Basic Information**

#### **Observed MW**

55kDa

## **Calculated MW**

59kDa

## Category

Primary antibody

# **Applications**

WB,ELISA

#### **Cross-Reactivity**

Human, 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 - 1:2000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

 Gene ID
 Swiss Prot

 7054
 P07101

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

# **Synonyms**

TYH; DYT14; DYT5b; Phospho-Tyrosine Hydroxylase-S31

# **Contact**

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# **Product Information**

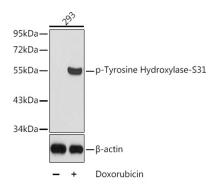
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



Western blot analysis of lysates from 293 cells, using Phospho-Tyrosine Hydroxylase-S31 Rabbit pAb (AP0210).

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

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% BSA.