

# Tyrosine Hydroxylase(Phospho-Ser31) Antibody

Catalog No: #11211



Package Size: #11211-1 50ul #11211-2 100ul #11211-4 25ul

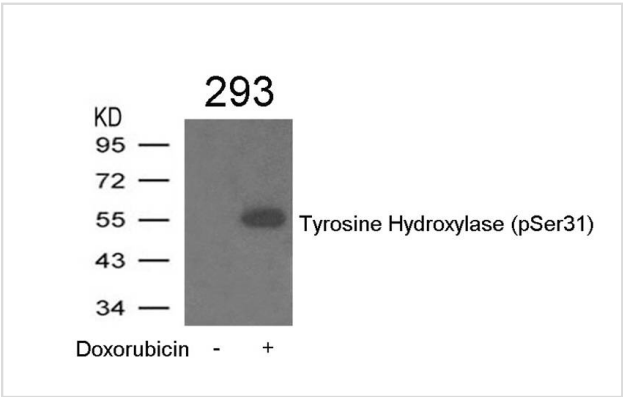
## Overview

Product Name	Tyrosine Hydroxylase(Phospho-Ser31) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Rt
Immunogen Type	Peptide-KLH
Target Name	Tyrosine Hydroxylase
Modification	Phospho-Ser31
Alternative Names	Tyrosine 3-hydroxylase; TH; Tyrosine 3-monooxygenase

## Application Details

Predicted MW: 55-60kd  
Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from 293 cells treated with Doxorubicin using Tyrosine Hydroxylase(Phospho-Ser31) Antibody #11211.

## Descriptions

Immunogen	Peptide sequence around phosphorylation site of serine31(V-T-S(p)-P-R) derived from human Tyrosine Hydroxylase
Specificity	The antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 31.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Related Information

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Plays an important role in the physiology of adrenergic neurons.

Vazin T, et al. Stem Cells. 2008 Jun;26(6):1517-25

Pistocchi A, et al. BMC Dev Biol. 2008 Mar 10;8:27

Fukakusa A, et al. J Pharmacol Sci. 2008 Feb;106(2):321-4.

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**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.