

Tyrosine Hydroxylase(Phospho-Ser31) Antibody

Catalog No: #11211

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

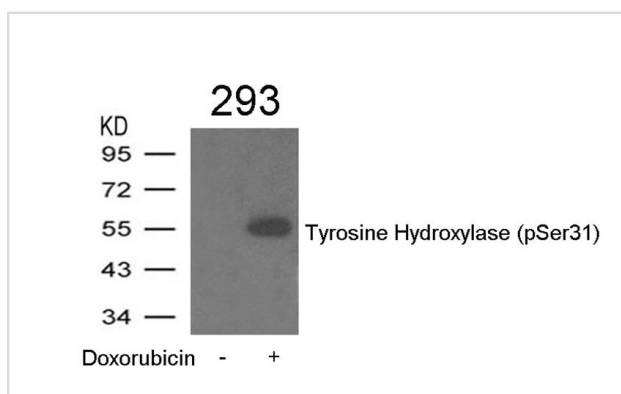
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|-----------------------|---|
| Product Name | Tyrosine Hydroxylase(Phospho-Ser31) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Applications | WB |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 31. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of serine31(V-T-S(p)-P-R) derived from human Tyrosine Hydroxylase |
| Target Name | Tyrosine Hydroxylase |
| Modification | Phospho |
| Other Names | Tyrosine 3-hydroxylase; TH; Tyrosine 3-monoxygenase |
| Accession No. | Swiss-Prot: P07101NCBI Protein: NP_000351.2 |
| Concentration | 1.0mg/ml |
| Formulation | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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. |

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.

Background

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.

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