

ARG51702 anti-Tyrosine Hydroxylase phospho (Ser31) antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes Tyrosine Hydroxylase phospho (Ser31) |
| Tested Reactivity | Hu, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Tyrosine Hydroxylase |
| Species | Human |
| Immunogen | Peptide sequence around phosphorylation site of serine31(V-T-S(p)-P-R) derived from human Tyrosine Hydroxylase |
| Conjugation | Un-conjugated |
| Alternate Names | DYT14; TYH; Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase; TH; DYT5b; EC 1.14.16.2 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|----------------|
| | WB | 1:500 - 1:1000 |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

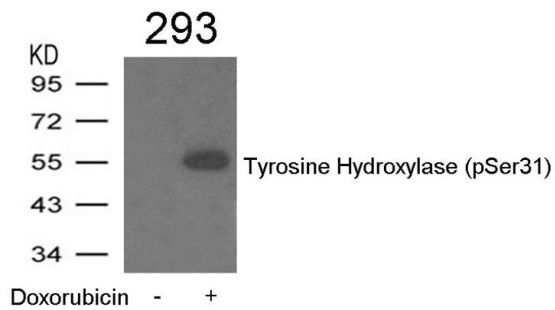
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Antibodies were produced by immunizing rabbits with KLH-conjugated synthetic phosphopeptide. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. In addition, non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Buffer | PBS (without Mg ²⁺ and Ca ²⁺ , pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|--|
| Database links | GeneID: 25085 Rat GeneID: 7054 Human Swiss-port # P04177 Rat Swiss-port # P07101 Human |
| Gene Symbol | TH |
| Gene Full Name | tyrosine hydroxylase |
| Background | Plays an important role in the physiology of adrenergic neurons. |
| Function | Plays an important role in the physiology of adrenergic neurons. [UniProt] |
| Highlight | Related products: Tyrosine Hydroxylase antibodies: Tyrosine Hydroxylase Duos / Panels: Anti-Rabbit IgG secondary antibodies; Related news: Astrocyte-to-neuron conversion for Parkinson's disease treatment |
| Research Area | Cancer antibody; Metabolism antibody; Neuroscience antibody |
| Calculated Mw | 59 kDa |

Images



ARG51702 anti-Tyrosine Hydroxylase phospho (Ser31) antibody WB image

Western blot: Extracts from 293 cells treated with Doxorubicin stained with ARG51702 anti-Tyrosine Hydroxylase phospho (Ser31) antibody.