

## Product datasheet for **TA312372**

### Tyrosine Hydroxylase (TH) Rabbit Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC, WB   |
| Recommended Dilution: | WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:1000  |
| Reactivity:           | Human, Mouse, Rat   |
| Modifications:        | Phospho-specific  |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | The antiserum was produced against synthesized phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 31 (V-T-SP-P-R).            |
| Formulation:          | Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Concentration:        | lot specific  |
| Purification:         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | tyrosine hydroxylase  |
| Database Link:        | <a href="#">NP_000351</a><br><a href="#">Entrez Gene 21823 Mouse</a> <a href="#">Entrez Gene 25085 Rat</a> <a href="#">Entrez Gene 7054 Human</a><br><a href="#">P07101</a> |
| Synonyms:             | DYT5b; DYT14; TYH   |
| Note:                 | Tyrosine Hydroxylase (phospho-Ser31) antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 31.                                      |
| Protein Families:     | Druggable Genome  |
| Protein Pathways:     | Metabolic pathways, Parkinson's disease, Tyrosine metabolism  |



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