

## Anti-Tyrosine Hydroxylase antibody (C-Term) (STJ70696)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | Pep-ELISA/IHC      |
| Host / Source | Goat               |
| Reactivity    | Human/Rat/Dog      |

### PRODUCT PROPERTIES

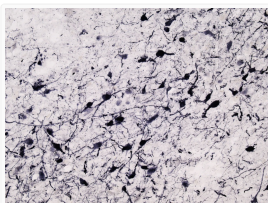
|                     |                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                   |
| Concentration       | 0.5 mg/mL                                                                                                                                                    |
| Conjugation         | Unconjugated                                                                                                                                                 |
| Purification        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                        |
| Dilution Range      | Peptide ELISA: antibody detection limit dilution 1:8000.<br>IHC: Cryosections of Human Hypothalamus. Recommended dilution range between 1:1000 and 1:10.000. |
| Formulation         | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA                                                                       |
| Isotype             | IgG                                                                                                                                                          |
| Storage Instruction | Store at -20°C on receipt and minimise freeze-thaw cycles.                                                                                                   |

### TARGET INFORMATION

|                    |                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">7054</a>                                                                                                          |
| Gene Symbol        | <a href="#">TH</a>                                                                                                            |
| UniProt ID         | <a href="#">TY3H_HUMAN</a>                                                                                                    |
| Immunogen Region   | C-Term                                                                                                                        |
| Immunogen Sequence | VQDELDTLAHAL                                                                                                                  |
| Specificity        | This antibody is expected to recognise all three reported isoforms (as represented by NP_954986.2; NP_000351.2; NP_954987.2). |

### ADDITIONAL INFORMATION

|      |                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



STJ70696 immunostaining of dopaminergic neurons in cryosection of an immersion-fixed (4% PFA) human hypothalamus. HRP-staining with Ni-DAB, after Biotin-SP-anti-goat (IgG) method. Data obtained by Drs. Éva Rumpel and Erik Hrabovszky, Inst, Exp, Med, Budapest, Hungary.