



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06739 - Goat Anti-Tyrosine Hydroxylase Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TH, tyrosine hydroxylase, HGNC:11782, TYH, DYT14, DYT5b, dystonia 14, tyrosine 3-monooxygenase

**Official Symbol:** TH

**Accession Number(s):** NP\_954986.2; NP\_000351.2; NP\_954987.2

**Human GeneID(s):** [7054](#)

**Important Comments:** This antibody is expected to recognise all three reported isoforms (as represented by NP\_954986.2; NP\_000351.2; NP\_954987.2).

### Immunogen

Peptide with sequence C-VQDELDTLAHAL, from the C Terminus of the protein sequence according to NP\_954986.2; NP\_000351.2; NP\_954987.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

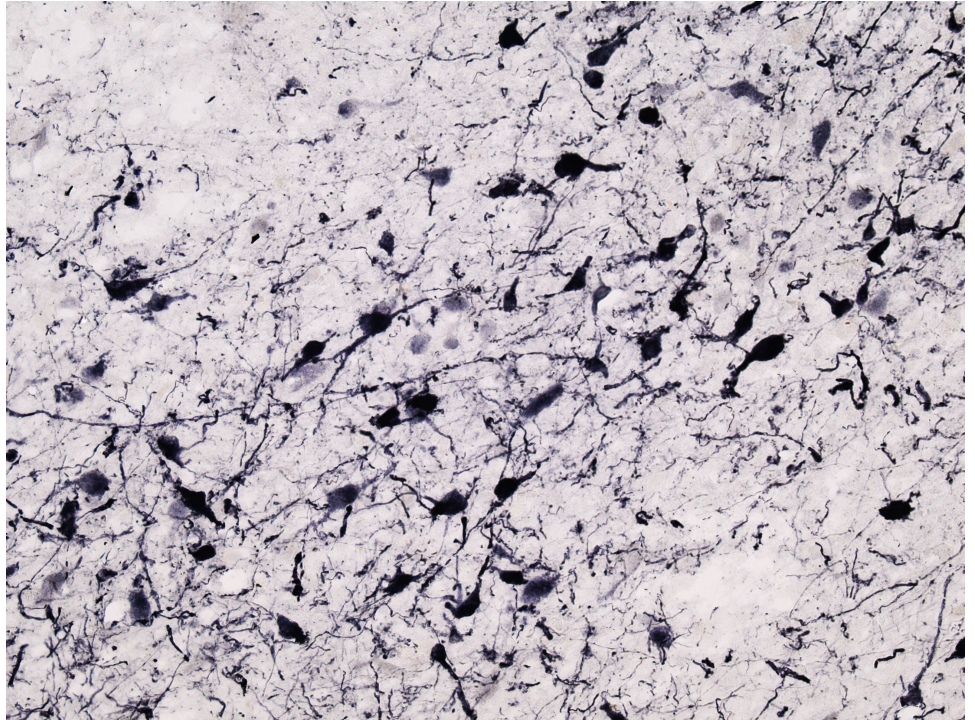
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**IHC:** Cryosections of Human Hypothalamus. Recommended dilution range between 1:1000 and 1:10,000.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Rat, Dog



EB06739 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 Rumpler and Erik Hrabovszky, Inst, Exp, Med, Budapest, Hungary.