



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://www.everestbiotech.com)

**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

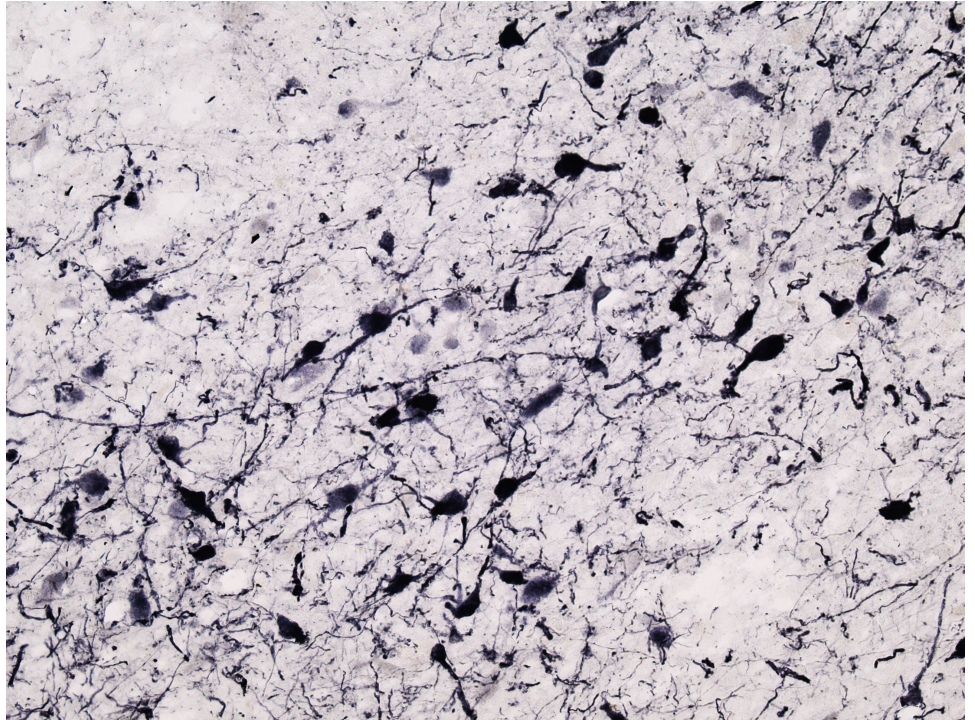
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**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.