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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.