ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Tyrosine Hydroxylase Antibody

Item Number	dAP-0624
Target Molecule	Principle Name: Tyrosine Hydroxylase; Official Symbol: TH; All Names and Symbols: TH; tyrosine hydroxylase; HGNC:11782; TYH; DYT14; DYT5b; dystonia 14; tyrosine 3-monooxygenase; Accession Number (s): NP_954986.2; NP_000351.2; NP_954987.2; Human Gene ID(s): 7054; Non-Human GeneID(s):
Immunogen	VQDELDTLAHAL, is from C Terminus This antibody is expected to recognise all three reported isoforms (as represented by NP_954986.2; NP_000351.2; NP_954987.2).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 55.5kDa according to NP_000351.2). Recommended concentration: 2-4µg/ml.
IHC	Immunohistochemistry: Frozen sections of Human Hypothalamus shows staining of neurons and their processes. Recommended concentration, 0.1-0.3µg/ml.
Reference	Reference(s): Voeller KK. Attention-deficit hyperactivity disorder (ADHD). J Child Neurol. 2004 Oct;19 (10):798-814. Review. .PMID: 15559895 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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