ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-DOPA decarboxylase Antibody

Item Number	dAP-0675
Target Molecule	Principle Name: DOPA decarboxylase; Official Symbol: DDC; All Names and Symbols: DDC; dopa decarboxylase (aromatic L-amino acid decarboxylase) ; HGNC:2719; AADC; aromatic L-amino acid decarboxylase; Accession Number (s): NP_000781.1; NP_001229815.1; NP_001229816.1; NP_001229817.1; NP_001229818.1; Human Gene ID(s): 1644; Non-Human GeneID(s):
Immunogen	WEHIKELAADVL, is from C Terminus This antibody is expected to recognise isoforms 1, 2, 3, 4 and 5 (NP_000781.1; NP_001229815.1; NP_001229816.1; NP_001229817.1; NP_001229818.1 respectively). Reported variants represent identical
Applications	Pep ELISA, WB 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 50kDa band observed in Human Kidney lysates and 48kDa on Human Brain lysates (calculated MW of 53.9kDa according to NP_000781.1). Recommended concentration: 0.03-0.1µg/ml.
IHC	
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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