

Goat anti-DDAH1 Antibody

Item Number	dAP-0493
Target Molecule	Principle Name: DDAH1; Official Symbol: DDAH1; All Names and Symbols: DDAH1; dimethylarginine dimethylaminohydrolase 1; DDAH; DDAH1; NG, NG-dimethylarginine dimethylaminohydrolase; RP4-621F18.1; FLJ21264; FLJ25539; Accession Number (s): NP_036269.1; NP_001127917.1; Human Gene ID (s): 23576; Non-Human GeneID(s):
Immunogen	TCCSVLINKKVDS, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_036269.1 and NP_001127917.1).
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; Reconstitute 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 1000.
Western Blot	Western Blot: Approx 35kDa band observed in Human Kidney, Human Brain (Cerebellum) and Pancreas lysates (calculated MW of 31.1kDa according to NP_036269.1). The observed molecular weight corresponds to earlier findings in literature with different antibody.
IHC	
Reference	Reference(s): Kimoto M, Miyatake S, Sasagawa T, Yamashita H, Okita M, Oka T, Ogawa T, Tsuji H. Purification, cDNA cloning and expression of human NG,NG-dimethylarginine dimethylaminohydrolase. Eur J Biochem. 1998 Dec 1;258(2):863-8.. PMID: 9874257->

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 end users! This product is sold for **Research Use Only**