

Goat anti-D-amino-acid oxidase Antibody

Item Number	dAP-1303
Target Molecule	Principle Name: D-amino-acid oxidase; Official Symbol: DAO; All Names and Symbols: DAO; D-amino-acid oxidase; DAAO; DAMOX; MGC35381; OXDA; Accession Number (s): NP_001908.3; Human Gene ID(s): 1610; Non-Human GenelD(s):
Immunogen	EEKKLSRMPPSH, is from C Terminus
Applications	Pep ELISA, 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; 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 64000.
Western Blot	Western Blot: Preliminary experiments in human brain (cerebellum, hippocampus, substantia nigra) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).
IHC	Immunohistochemistry: In paraffin embedded Human Cerebellum shows pixulated cytoplasm staining in neurons directly near the granular layer. Recommended concentration: 2-4µg/ml.
Reference	Reference(s): Corvin A, Donohoe G, McGhee K, Murphy K, Kenny N, Schwaiger S, Nangle JM, Morris D, Gill M. d-Amino acid oxidase (DAO) genotype and mood symptomatology in schizophrenia. <i>Neurosci Lett</i> . 2007 Oct 16;426(2):97-100. Epub 2007 Sep 8.. PMID: 17890006 ->

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**