

GOAT ANTI-D-AMINO-ACID OXIDASE (AA286-298) ANTIBODY

SKU: EB11100



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	DAO OXDA MGC35381 DAMOX D-amino-acid oxidase DAAO
Accession ID	NP_001908.3
Blocking Peptide	EBP11100
Immunogen	Peptide with sequence C-RPQIRLEREQLRT, from the internal region of the protein sequence according to NP_001908.3.
Peptide Sequence	C-RPQIRLEREQLRT
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Dog, Pig, Cow
Reactive Species	Human
Human Gene ID	1610
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Approx 37kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 39.5kDa according to NP_001908.3). Recommended concentration: 0.03-0.01µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 31222058, "intro": "**This antibody has been successfully used in WB on Macaques:**", "title": "The levels of the NMDA receptor co-agonist D-serine are reduced in the substantia nigra of Mptplesioned macaques and in the cerebrospinal fluid of Parkinson's disease"}]

patients", "author": "Nuzzo T, Punzo D, Devoto P, Rosini E, Paciotti S, Sacchi S, Li Q, Thiolat ML, Véga C, Carella M, Carta M, Gardoni F, Calabresi P, Pollegioni L, Bezard E, Parnetti L, Errico F, Usiello A", "journal": "Sci Rep. 2019 Jun 20;9(1):8898. "}, {"pmid": 27670111, "intro": "**This antibody has been successfully used in WB and IF on Mouse:**", "title": "Interplay between microbial D-amino acids and host D-amino acid oxidase modifies murine mucosal defence and gut microbiota", "author": "Sasabe J, Miyoshi Y, Rakoff-Nahoum S, Zhang T, Mita M, Davis BM, Hamase K, Waldor MK", "journal": "Nat Microbiol. 2016 Jul 25;1(10):16125"}, {"pmid": 37336364, "intro": "**This antibody has been successfully used in WB on Human:**", "title": "Homeostasis of serine enantiomers is disrupted in the post-mortem caudate putamen and cerebrospinal fluid of living Parkinson's disease patients.", "author": "Anna Di Maio et al.", "journal": "Neurobiol Dis. 2023 Aug;184:106203."}, {"pmid": 37451474, "intro": "**This antibody has been successfully used in WB:**", "title": "Perturbation of serine enantiomers homeostasis in the striatum of MPTP-lesioned monkeys and mice reflects the extent of dopaminergic midbrain degeneration.", "author": "Marcello Serra, Anna Di Maio, Valentina Bassareo, Tommaso Nuzzo, Francesco Errico, Federica Servillo, Mario Capasso, Pathik Parekh, Qin Li, Marie-Laure Thiolat, Erwan Bezard, Paolo Calabresi, David Sulzer, Manolo Carta, Micaela Morelli, Alessandro Usiello", "journal": "Neurobiol Dis. 2023 Aug;184:106226."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

