

D-amino-acid oxidase (aa286-298) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3619a

Specification

D-amino-acid oxidase (aa286-298) Antibody (internal region) - Product Information

Application	WB
Primary Accession	P14920
Other Accession	NP_001908.3 , 1610
Reactivity	Human
Predicted	Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	39474

D-amino-acid oxidase (aa286-298) Antibody (internal region) - Additional Information

Gene ID 1610

Other Names

D-amino-acid oxidase, DAAO, DAMOX, DAO, 1.4.3.3, DAO, DAMOX

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

D-amino-acid oxidase (aa286-298) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

D-amino-acid oxidase (aa286-298) Antibody (internal region) - Protein Information

Name DAO

Synonyms DAMOX

Function

Regulates the level of the neuromodulator D-serine in the brain. Has high activity towards D-DOPA and contributes to dopamine synthesis. Could act as a detoxifying agent which removes D-amino acids accumulated during aging. Acts on a variety of D-amino acids with a preference for those having small hydrophobic side chains followed by those bearing polar, aromatic, and basic groups. Does not act on acidic amino acids.

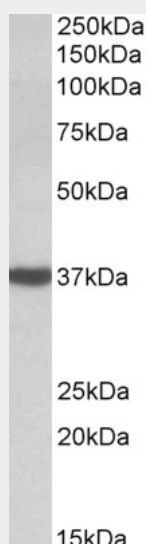
Cellular Location

Peroxisome.

D-amino-acid oxidase (aa286-298) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

D-amino-acid oxidase (aa286-298) Antibody (internal region) - Images

AF3619a (0.03 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

D-amino-acid oxidase (aa286-298) Antibody (internal region) - References

D-amino acid oxidase (DAO) genotype and mood symptomatology in schizophrenia. Corvin A, Donohoe G, McGhee K, Murphy K, Kenny N, Schwaiger S, Nangle JM, Morris D, Gill M. Neurosci Lett. 2007 Oct 16;426(2):97-100. PMID: 17890006