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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08319 - Goat Anti-D-amino-acid oxidase Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DAO, D-amino-acid oxidase, DAAO, DAMOX, MGC35381, OXDA

Official Symbol: DAO

Accession Number(s): NP_001908.3

Human GeneID(s): [1610](#)

Immunogen

Peptide with sequence C-EEKKLSRMPPSH, from the C Terminus of the protein sequence according to NP_001908.3.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

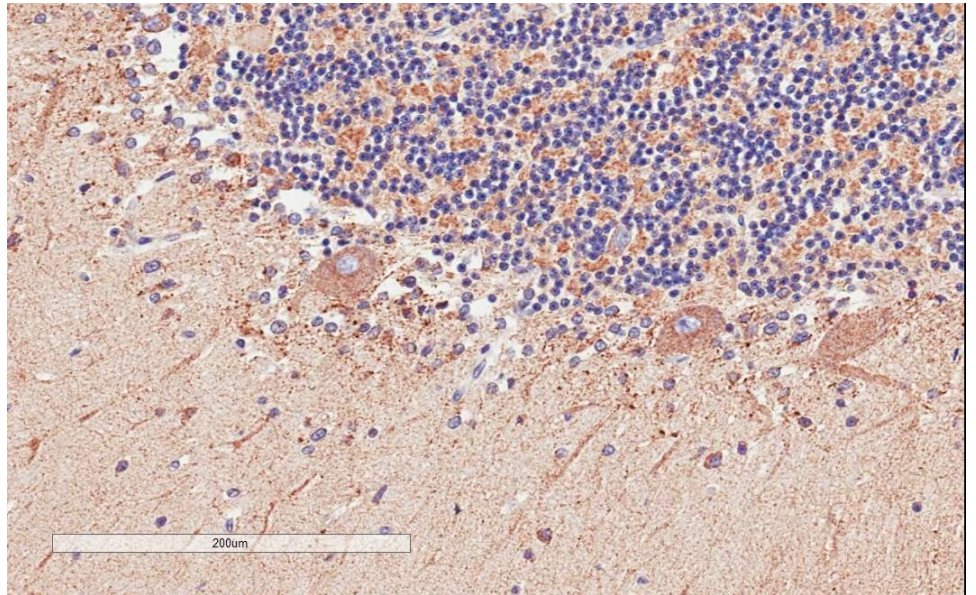
Western blot: Preliminary experiments in human brain (cerebellum, hippocampus, substantia nigra) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

IHC: In paraffin embedded Human Cerebellum shows pixulated cytoplasm staining in neurons directly near the granular layer. Recommended concentration: 2-4µg/ml.

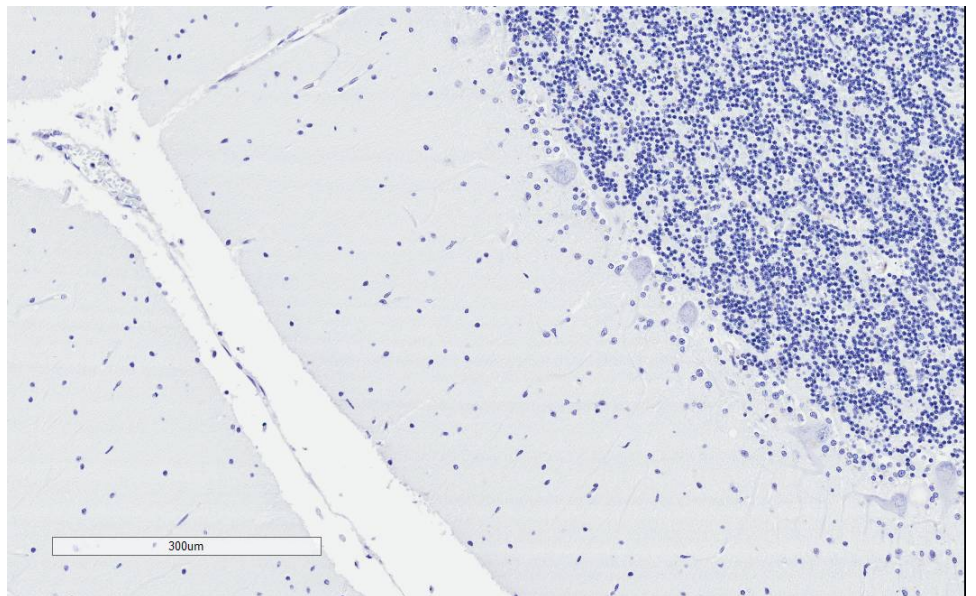
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Mouse



EB08319 (2µg/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



EB08319 Negative Control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.