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# 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 <u>peptide</u> 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.

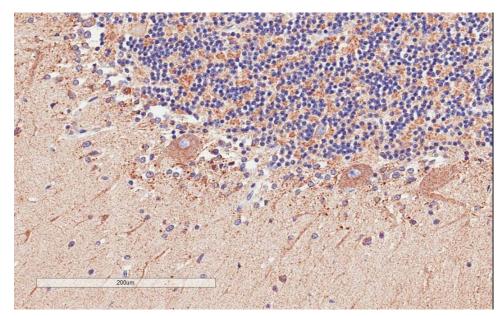
**Western blot:** Preliminary experiments in human brain (cerebellum, hippocampus, substantia nigra) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml).

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

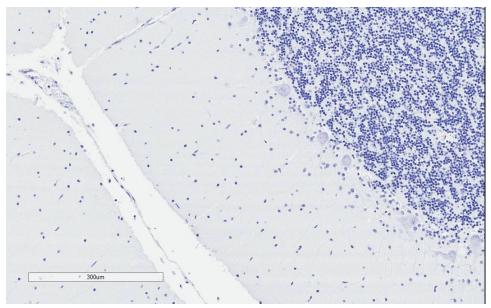
### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Rat, Mouse



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



 ${\tt EB08319\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Cerebellum,\ with\ no\ primary\ antibody.}$