

DAOA Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16482**Specification**

DAOA Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	P59103
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

DAOA Antibody - Additional Information**Gene ID** 267012**Other Names**

D-amino acid oxidase activator, Protein G72, DAOA, G72

Target/Specificity

Human DAOA

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

DAOA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

DAOA Antibody - Protein Information**Name** DAOA**Synonyms** G72**Function**

May suppress DAO (D-amino acid oxidase) and SOD1 activity and promote their degradation (PubMed: 18544534, PubMed: 20521334, PubMed: 21679769, PubMed: 30037290). Has conversely also been suggested to function as a DAO activator (PubMed: 12364586, PubMed: 24362575, PubMed: 29114206). May

stimulate the degradation of DDO (D-aspartate oxidase) (PubMed:37805834). May play a role in mitochondrial fission (PubMed:17684499).

Cellular Location

Cytoplasm, cytosol. Golgi apparatus. Mitochondrion. Note=May transiently pass through the Golgi apparatus

Tissue Location

Expressed in the amygdala and in astrocytes of the cortex (at protein level) (PubMed:12364586, PubMed:17684499, PubMed:18544534). Expressed in the caudate nucleus, spinal cord and testis (PubMed:12364586).

DAOA Antibody - 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](#)

DAOA Antibody - Images



Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)

DAOA Antibody - Background

Seems to activate D-amino acid oxidase.