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## AOC1 Rabbit pAb

Catalog Number: bs-7949R

Target Protein: AOC1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Mouse (predicted:Human, Rat, Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW: 83 kDa

Subcellular: Secreted, Extracellular matrix

Locations:

Entrez Gene: 26

Swiss Prot: P19801

Source: KLH conjugated synthetic peptide derived from human AOC1: 601-689/751.

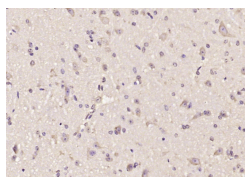
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Catalyzes the degradation of compounds such as putrescine, histamine, spermine, and spermidine, substances involved in allergic and immune responses, cell proliferation, tissue differentiation, tumor formation, and possibly apoptosis. Placental DAO is thought to play a role in the regulation of the female reproductive function.

### VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DAO1) Polyclonal Antibody, Unconjugated (bs-7949R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=10.754] Apolloni S et al. Histaminergic transmission slows progression of amyotrophic lateral sclerosis. J Cachexia Sarcopenia Muscle. 2019 Apr 24. WB,ICC ; Mouse . 31020811