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AOC2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12541

Specification

AOC2 antibody - middle region - Product Information

Application	**WB**
Primary Accession	O75106
Other Accession	NM_009590, NP_033720
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rabbit, Pig, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**84kDa KDa**

AOC2 antibody - middle region - Additional Information

Gene ID 314

Alias Symbol	**DAO2, RAO**

Other Names
Retina-specific copper amine oxidase, RAO, 1.4.3.21, Amine oxidase [copper-containing], Semicarbazide-sensitive amine oxidase, SSAO, AOC2

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-AOC2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
AOC2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

AOC2 antibody - middle region - Protein Information

Name AOC2

Function
Has a monoamine oxidase activity with substrate specificity for 2-phenylethylamine and tryptamine. May play a role in adipogenesis. May be a critical modulator of signal transmission in retina.

Cellular Location
[Isoform 1]: Cell membrane; Peripheral membrane protein. Note=Present on the surface of the cells.

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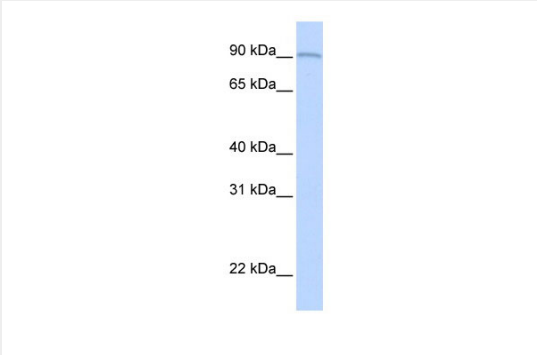
Tissue Location
Expressed in many tissues with much higher expression in retina. Isoform 1 and isoform 2 are expressed in adipose tissue, whereas isoform 1 only seems to be present in thymus, and isoform 2 only in testis.

AOC2 antibody - middle 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 Cytomety
- Cell Culture

AOC2 antibody - middle region - Images



WB Suggested Anti-AOC2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Lung

AOC2 antibody - middle region - References

Zhang,Q.,Gene318,45-53(2003)ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week. Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.