

Rabbit AOC2 Polyclonal Antibody | anti-AOC2 antibody

AOC2 antibody (retina specific)

CATALOG # AAA224228	HOST Rabbit	APPLICATIONS Western Blot
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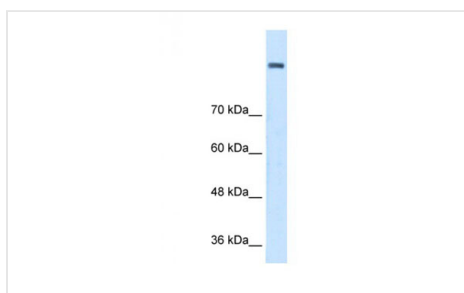
PRODUCT SYNONYMS

AOC2; Polyclonal Antibody; AOC2 antibody (retina specific); Polyclonal AOC2 (retina specific); Anti-AOC2 (retina specific); RAO; Amine Oxidase Copper Containing 2; DAO2; anti-AOC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid supplied in PBS with 0.09% Sodium Azide and 2% Sucrose
Concentration	0.5 mg/ml (varies by lot)
Sequence	AOC2antibo dy(retinas pecific)wa sraisedusi ngasynthet icpeptidecorrespondi ngtoaregio nwithamino acidsQATMV DIHILVGKGA VQLLPGAVCV FEEAQGLPLR RHHNYLQNHF YGGLA
Sequence Length	253
Applicable Applications for anti-AOC2 antibody	WB (Western Blot)
Biological Significance	Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes and ammonia in the presence of copper and quinone cofactor. The protein contains several conserved motifs including the active site of amine oxidases and the histidine residues that likely bind copper. It may be a critical modulator of signal transmission in retina, possibly by degrading the biogenic amines dopamine, histamine, and putrescine.
Cross-Reactivity	Human Predicted to react with Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Immunogen	Synthetic peptide directed toward the middle region of human AOC2.
Preparation and Storage	Store at 4°C short term; -20°C long term.

IMAGES



WB (Western Blot)

AOC2 antibody (retina specific) (AAA224228) used at 1 ug/ml to detect target protein.

ADDITIONAL INFORMATION

Related Product Information for anti-AOC2 antibody	Rabbit polyclonal AOC2 antibody (retina specific)
Product Categories/Family for anti-AOC2 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18404656
NCBI GeneID	822168
NCBI Accession #	NP_566776.1
NCBI GenBank Nucleotide #	NM_113476.3
Molecular Weight	84 kDa (MW of target protein)
NCBI Official Full Name	allene oxide cyclase 2
NCBI Official Symbol	AOC2
NCBI Official Synonym Symbols	allene oxide cyclase 2; AOC2
NCBI Protein Information	allene oxide cyclase 2
UniProt Protein Name	Allene oxide cyclase 2, chloroplastic
UniProt Gene Name	AOC2
UniProt Entry Name	AOC2_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aoc2-antibody-western-blot-elisa/224228>