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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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AOC2 (Human) IP-WB Antibody Pair

Catalog # : H00000314-PW1

規格 : [1 Set]

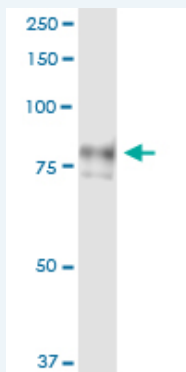
[List All](#)

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of AOC2 transfected lysate using rabbit polyclonal anti-AOC2 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-AOC2.

Supplied Product: Antibody pair set content:
 1. Antibody pair for IP: rabbit polyclonal anti-AOC2 (300 ul)
 2. Antibody pair for WB: mouse purified polyclonal anti-AOC2 (50 ug)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [314](#)

Gene Name: AOC2

Gene Alias: DAO2,RAO

Gene Description: amine oxidase, copper containing 2 (retina-specific)

Omim ID: [602268](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Copper amine oxidases catalyze the oxidative conversion of amines to

aldehydes and ammonia in the presence of copper and quinone cofactor. This gene shows high sequence similarity to copper amine oxidases from various species ranging from bacteria to mammals. 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. This gene may be a candidate gene for hereditary ocular diseases. Alternate splicing results in multiple transcript variants. [provided by RefSeq]

Other amine oxidase, copper containing 2
Designations:

Gene Pathway

[beta-Alanine metabolism](#)
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)
[Glycine, serine and threonine metabolism](#) [Isoquinoline alkaloid biosynthesis](#)
[Metabolic pathways](#) [Phenylalanine metabolism](#)
[Tropane, piperidine and pyridine alkaloid biosynthesis](#) [Tyrosine metabolism](#)

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