

Datasheet for ABIN635871 **anti-AOC2 antibody**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	AOC2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AOC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	AOC2 antibody (retina specific) was raised using a synthetic peptide corresponding to a region with amino acids QATMVDIHILVGKGA VQLLP GAVCVFEEA QGLPLRRHHNYLQNH FYGG LA
Purification:	Affinity purified

Target Details

Target:	AOC2
Alternative Name:	AOC2 (AOC2 Products)
Background:	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.

Target Details

Molecular Weight: 84 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: AOC2 Blocking Peptide (retina specific), catalog no. 33R-7481, is also available for use as a blocking control in assays to test for specificity of this AOC2 antibody (retina specific)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of AOC2 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

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