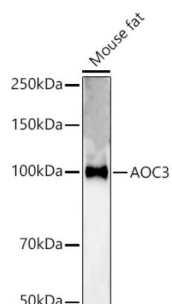
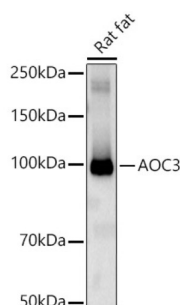


## Membrane Primary Amine Oxidase (AOC3) Antibody

Catalogue No.: abx001627



Western blot analysis of lysates from Mouse fat, using AOC3 Antibody at 1/500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



Western blot analysis of lysates from Rat fat, using AOC3 Antibody at 1/500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 10s.

AOC3 Antibody is a Rabbit Polyclonal antibody against AOC3. This gene encodes a member of the semicarbazide-sensitive amine oxidase family. Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The encoded protein is localized to the cell surface, has adhesive properties as well as monoamine oxidase activity, and may be involved in leukocyte trafficking. Alterations in levels of the encoded protein may be associated with many diseases, including diabetes mellitus. A pseudogene of this gene has been described and is located approximately 9-kb downstream on the same chromosome. Alternative splicing results in multiple transcript variants.

**Target:** Membrane Primary Amine Oxidase (AOC3)

**Clonality:** Polyclonal

**Reactivity:** Mouse, Rat

**Tested Applications:** ELISA, WB

**Host:** Rabbit

**Recommended dilutions:** ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 27-190 of human AOC3.

**Isotype:** IgG

# Datasheet

Version: 4.0.0  
Revision date: 04 Jul 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q16853 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	AOC3
<b>GeneID:</b>	<a href="#">8639</a>
<b>NCBI Accession:</b>	NP_003725.1
<b>KEGG:</b>	hsa:8639
<b>String:</b>	<a href="#">9606.ENSP00000312326</a>
<b>Molecular Weight:</b>	Calculated MW: 85 kDa Observed MW: 101 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.