

Datasheet for ABIN652478  
**anti-AOC3 antibody (AA 613-640)**

## 5 Images

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## Overview

Quantity:	400 µL
Target:	AOC3
Binding Specificity:	AA 613-640
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AOC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This AOC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 613-640 amino acids from the Central region of human AOC3.
Clone:	RB22029
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	AOC3
Alternative Name:	AOC3 ( <a href="#">AOC3 Products</a> )

## Target Details

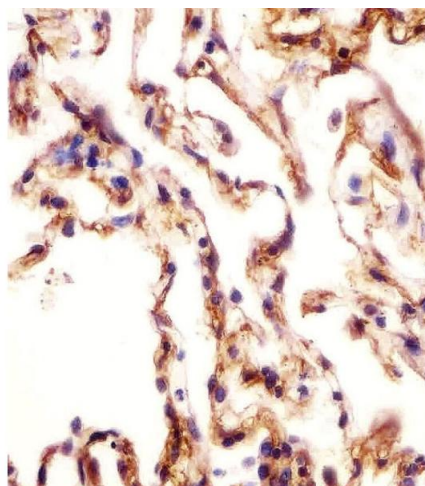
Background:	Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The product is a major protein on the adipocyte plasma membrane. It has adhesive properties and also has functional monoamine oxidase activity.
Molecular Weight:	84622
Gene ID:	8639
NCBI Accession:	<a href="#">NP_001264660</a> , <a href="#">NP_001264661</a> , <a href="#">NP_003725</a>
UniProt:	<a href="#">Q16853</a>
Pathways:	<a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:2000. IHC-P: 1:10~50. IHC-P: 1:25. FC: 1:10~50
Restrictions:	For Research Use only

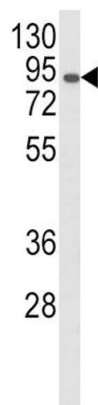
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



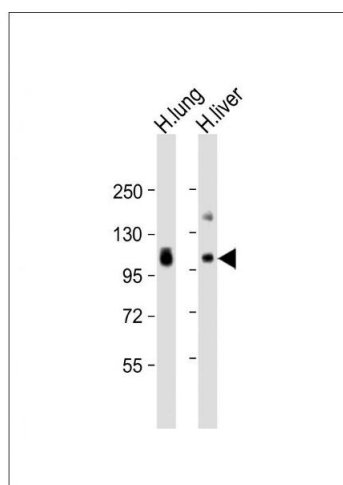
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN652478 and ABIN2842325) staining AOC3 in human lung tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



#### Western Blotting

**Image 2.** Western blot analysis of AOC3 Antibody (Center) (ABIN652478 and ABIN2842325) in CEM cell line lysates (35 µg/lane). AOC3 (arrow) was detected using the purified Pab.



#### Western Blotting

**Image 3.** All lanes : Anti-AOC3 Antibody (Center) at 1:2000 dilution Lane 1: human lung lysate Lane 2: human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 85 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN652478.