

Datasheet for ABIN3015816
anti-AOC3 antibody (AA 27-190)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	AOC3
Binding Specificity:	AA 27-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AOC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 27-190 of human AOC3 (NP_003725.1).
Sequence:	GRGGDGGEPS QLPHCPSVSP SAQPWTHPGQ SQLFADLSRE ELTAVMRFLT QRLGPGLVDA AQARPSDNCV FSVELQLPPK AAALAHLD RG SPPPAREALA IVFFGRQPQP NVSELVWGPL PHPSYMRDVT VERHGGPLPY HRRPVLFQEY LDIDQMIFNR ELPQ
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

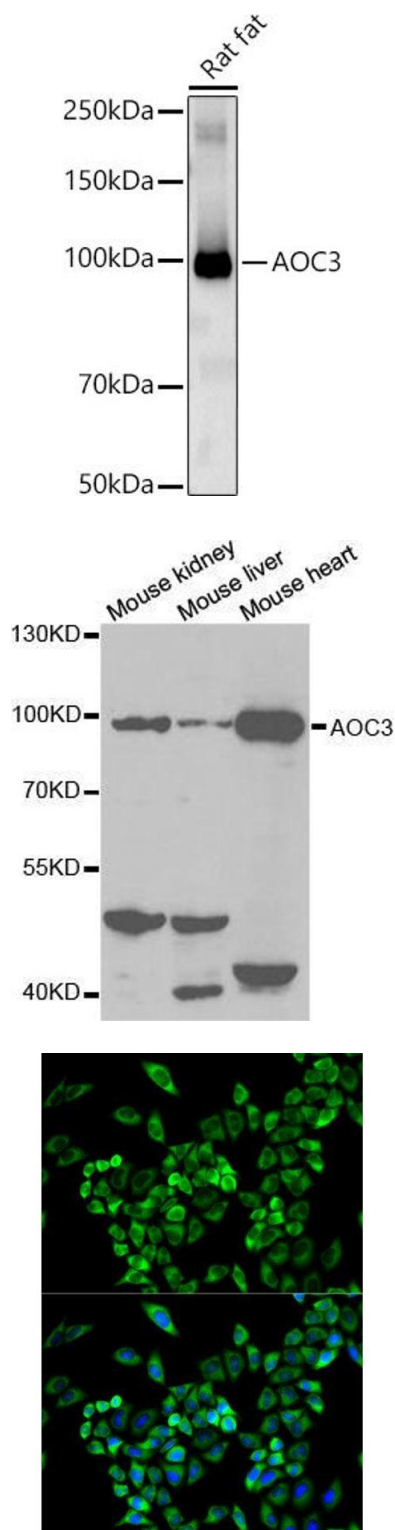
Target:	AOC3
Alternative Name:	AOC3 (AOC3 Products)
Background:	<p>This gene encodes a member of the semicarbazide-sensitive amine oxidase family. Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The encoded protein is localized 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.,AOC3,HPAO,SSAO,VAP-1,VAP1,Signal Transduction,Cell Biology & Developmental Biology,Cell Adhesion,Cell Adhesion Molecules,Cytoskeleton,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,AOC3</p>
Molecular Weight:	24 kDa/70 kDa/84 kDa
Gene ID:	8639
UniProt:	Q16853
Pathways:	Feeding Behaviour

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of Rat fat, using antibody (ABIN3015815, ABIN3015816, ABIN3015817 and ABIN6219164) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10026 dilution. Lysates/proteins: 51 µg per lane. Blocking buffer: 29 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00046). Exposure time: 10s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using AOC3 antibody.

Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cell using AOC3 antibody. Blue: DAPI for nuclear staining

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3015816.