

Rabbit AOC3 Polyclonal Antibody | anti-AOC3 antibody

AOC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167733	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

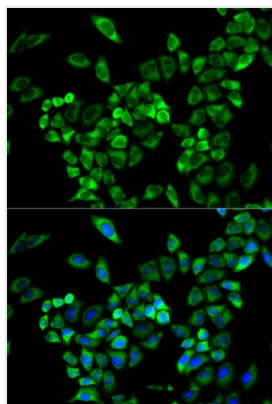
PRODUCT SYNONYMS

AOC3; Polyclonal Antibody; AOC3 Antibody; HPAO; SSAO; VAP1; VAP-1; anti-AOC3 antibody

PRODUCT SPECIFICATIONS

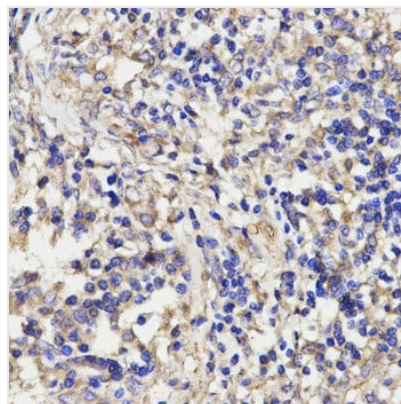
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	258
Applicable Applications for anti-AOC3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human AOC3
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13739 / sc-13741 / sc-13742 / sc-28642
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



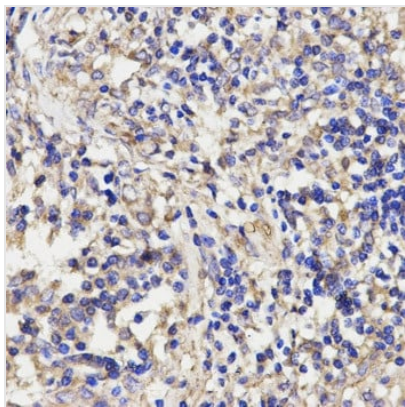
IF (Immunofluorescence)

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



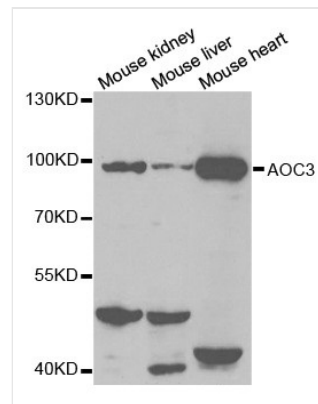
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AOC3 antibody at dilution of 1:200 (x400 lens)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using AOC31 antibody at dilution of 1:200 (x400 lens)



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-AOC3 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18404658
NCBI GeneID	822169
NCBI Accession #	NP_566777.1
NCBI GenBank Nucleotide #	NM_113477.4
Molecular Weight	28,398 Da
NCBI Official Full Name	allene oxide cyclase 3
NCBI Official Symbol	AOC3
NCBI Official Synonym Symbols	allene oxide cyclase 3; AOC3
NCBI Protein Information	allene oxide cyclase 3
UniProt Protein Name	Allene oxide cyclase 3, chloroplastic
UniProt Gene Name	AOC3
UniProt Entry Name	AOC3_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aoc3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/167733>