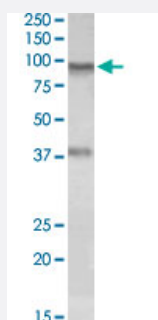


AOC3 polyclonal antibody

Catalog # PAB27644 Size 100 ug

Applications



Western Blot (Cell lysate)

AOC3 polyclonal antibody (Cat # PAB27644) (0.1ug/ml) staining of A549 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AOC3.
Immunogen	A synthetic peptide corresponding to internal region of human AOC3.
Sequence	ESQAPKTIRDAFC
Host	Goat
Theoretical MW (kDa)	90
Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:128000) Western Blot (0.1-0.3ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

AOC3 polyclonal antibody (Cat # PAB27644) (0.1ug/ml) staining of A549 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — AOC3

Entrez GeneID[8639](#)**Protein Accession#**[NP_003725.1](#)**Gene Name**

AOC3

Gene Alias

HPAO, SSAO, VAP-1, VAP1

Gene Description

amine oxidase, copper containing 3 (vascular adhesion protein 1)

Omim ID[603735](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. A pseudogene for this gene has been described and is located approximately 9-kb downstream. [provided by RefSeq]

Other Designations

amine oxidase, copper containing 3|copper amine oxidase|semicarbazide-sensitive amine oxidase|vascular adhesion protein 1

Pathway

- [beta-Alanine metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Glycine](#)

- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tropane](#)
- [Tyrosine metabolism](#)