

ARG64127 anti-AOC3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AOC3
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AOC3
Species	Human
Immunogen	C-DEDPSFYSADSIY
Conjugation	Un-conjugated
Alternate Names	HPAO; Semicarbazide-sensitive amine oxidase; VAP-1; Vascular adhesion protein 1; Copper amine oxidase; SSAO; Membrane primary amine oxidase; EC 1.4.3.21; VAP1

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml

Application Note
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 8639 Human](#)

[Swiss-port # Q16853 Human](#)

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. A pseudogene for this gene has been described and is located approximately 9-kb downstream. [provided by RefSeq, Jul 2008]

Research Area

Neuroscience antibody; Signaling Transduction antibody

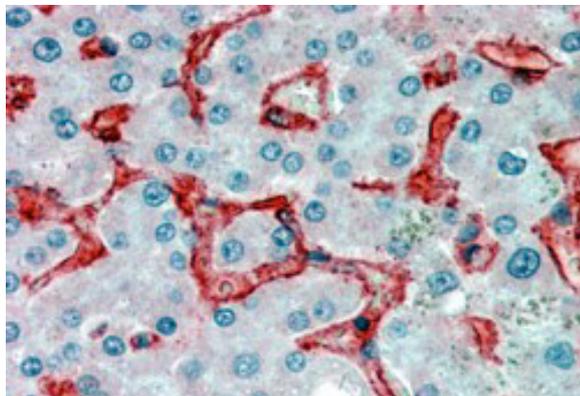
Calculated Mw

85 kDa

PTM

Topaquinone (TPQ) is generated by copper-dependent autoxidation of a specific tyrosyl residue. N- and O-glycosylated.

Images



ARG64127 anti-AOC3 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Liver. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64127 anti-AOC3 antibody at 3.8 µg/ml dilution followed by AP-staining.