RecomAb™

AOC3 monoclonal antibody, clone TK8-14

Catalog # RAB01079 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human AOC3.
Antibody Species	Mouse
Immunogen	Originate antibody is raised against affinity purified AOC3 from tonsil stroma of human origin.
Reactivity	Human
Specificity	This antibody reacts to AOC3.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A affinity purified
Isotype	Mouse IgG2a, kappa
Recommend Usage	Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

Gene Info — AOC3

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Entrez GeneID	8639
Protein Accession#	Q16853
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 presenc e of copper and quinone cofactor. The product is a major protein on the adipocyte plasma membr ane. It has adhesive properties and also has functional monoamine oxidase activity. A pseudogen e for this gene has been discribed and is located approximately 9-kb downstream. [provided by R efSeq
Other Designations	amine oxidase, copper containing 3|copper amine oxidase|semicarbazide-sensitive amine oxida se|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

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