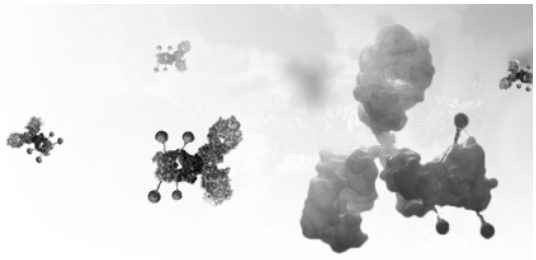

Human AOC3 blocking peptide (CDBP0412)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AOC3 antibody
Antigen Description	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. [provided by RefSeq, Apr 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	AOC3 amine oxidase, copper containing 3 [Homo sapiens (human)]
Official Symbol	AOC3

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Synonyms	AOC3; amine oxidase, copper containing 3; HPAO; SSAO; VAP1; VAP-1; membrane primary amine oxidase; copper amine oxidase; placenta copper monamine oxidase; semicarbazide-sensitive amine oxidase; amine oxidase, copper containing 3 (vascular adhesion protein 1);
Entrez Gene ID	8639
mRNA Refseq	NM_001277731.1
Protein Refseq	NP_001264660.1
UniProt ID	Q16853
Chromosome Location	17q21
Pathway	Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; Phenylalanine metabolism, organism-specific biosystem; Phenylalanine metabolism, conserved biosystem; Tyrosine metabolism, organism-specific biosystem; Tyrosine metabolism, conserved biosystem; beta-Alanine metabolism, organism-specific biosystem; beta-Alanine metabolism, conserved biosystem; phenylethylamine degradation I, organism-specific biosystem; spermine an
Function	aliphatic-amine oxidase activity; aminoacetone:oxygen oxidoreductase(deaminating) activity; calcium ion binding; cation channel activity; copper ion binding; phenethylamine:oxygen oxidoreductase (deaminating) activity; primary amine oxidase activity; prot

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