



Human MAOA blocking peptide (CDBP1892)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Monoamine Oxidase A antibody
Antigen Description	This gene is one of two neighboring gene family members that encode mitochondrial enzymes which catalyze the oxidative deamination of amines, such as dopamine, norepinephrine, and serotonin. Mutation of this gene results in Brunner syndrome. This gene has also been associated with a variety of other psychiatric disorders, including antisocial behavior. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]
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	MAOA monoamine oxidase A [Homo sapiens (human)]
Official Symbol	MAOA
Synonyms	MAOA; monoamine oxidase A; MAO-A; amine oxidase [flavin-containing] A; monoamine oxidase type A;

Entrez Gene ID	4128
mRNA Refseq	NM_000240.3
Protein Refseq	NP_000231.1
UniProt ID	P21397
Chromosome Location	Xp11.3
Pathway	Alcoholism, organism-specific biosystem; Alcoholism, conserved biosystem; Amine Oxidase reactions, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Biological oxidations, organism-specific biosystem; Cocaine addiction, organism-specific biosystem; Cocai
Function	primary amine oxidase activity;
