



Human AKR1A1 blocking peptide (CDBP0367)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Aldehyde Reductase antibody
Antigen Description	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple alternatively spliced transcript variants of this gene exist, all encoding the same protein.
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	AKR1A1 aldo-keto reductase family 1, member A1 (aldehyde reductase) [Homo sapiens]
Official Symbol	AKR1A1
Synonyms	AKR1A1; aldo-keto reductase family 1, member A1 (aldehyde reductase); alcohol dehydrogenase [NADP(+)]; ALR; DD3; dihydrodiol dehydrogenase 3; aldehyde reductase; alcohol dehydrogenase; aldo-keto reductase family 1 member A1; ARM; ALDR1; MGC1380;

MGC12529;

Entrez Gene ID	10327
mRNA Refseq	NM_001202414
Protein Refseq	NP_001189343
UniProt ID	P14550
Chromosome Location	1p33-p32
Pathway	Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Metabolic pathways, organism-specific biosystem; tryptophan degradation X (mammalian, via tryptamine), organism-specific biosystem;
Function	L-glucuronate reductase activity; alditol:NADP+ 1-oxidoreductase activity; electron carrier activity; oxidoreductase activity;