

Recombinant Human AKR7A2 cell lysate

Cat. No. AKR7A2-52HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Aldo-keto reductases, such as AKR7A2, are involved in the detoxification of aldehydes and ketones.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	AKR7A2 aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) [<i>Homo sapiens</i>]
Official Symbol	AKR7A2
Synonyms	AKR7A2; aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase); aflatoxin B1 aldehyde reductase member 2; AFAR; AFB1-AR 1; SSA reductase; aldoketoreductase 7; AFB1 aldehyde reductase 1; succinic semialdehyde reductase; aflatoxin beta1 aldehyde reductase; AKR7; AFAR1; AFB1-AR1;

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Gene ID	8574
mRNA Refseq	NM_003689
Protein Refseq	NP_003680
MIM	603418
UniProt ID	O43488
Chromosome Location	1p36.13
Pathway	Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem;
Function	alditol:NADP+ 1-oxidoreductase activity; electron carrier activity; oxidoreductase activity; oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor; phenanthrene-9,10-epoxide hydrolase activity;

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