

## Recombinant Human AKR7A2 cell lysate

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	AKR7A2 aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	AKR7A2
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">8574</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>mRNA Refseq</b>	NM_003689
<b>Protein Refseq</b>	NP_003680
<b>MIM</b>	603418
<b>UniProt ID</b>	O43488
<b>Chromosome Location</b>	1p36.13
<b>Pathway</b>	Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem;
<b>Function</b>	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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA