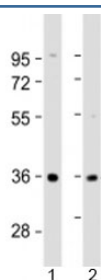


## AKR7A3 Antibody (F53904)

Catalog No.	Formulation	Size
F53904-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	O95154
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This AKR7A3 antibody is available for research use only.



Western blot testing of human 1) liver and 2) SK-BR-3 cell lysate with AKR7A3 antibody at 1:2000. Predicted molecular weight: 37 kDa.

## Description

Aflatoxin B1 aldehyde reductase member A3 can reduce the dialdehyde protein-binding form of aflatoxin B1 (AFB1) to the non-binding AFB1 dialcohol. May be involved in protection of liver against the toxic and carcinogenic effects of AFB1, a potent hepatocarcinogen.

## Application Notes

Titration of the AKR7A3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 187-217 from the human protein was used as the immunogen for the AKR7A3 antibody.

## Storage

Aliquot the AKR7A3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.