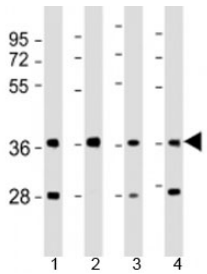
AKR7A3 Antibody (F53910)

Catalog No.	Formulation	Size
F53910-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53910-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

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



Western blot testing of human 1) 293T/17, 2) liver, 3) HepG2 and 4) 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 33-64 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.

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