

## AKR7A2 Polyclonal Antibody

Catalog number: 10730-1-AP

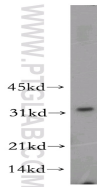
Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

AKR7A2; AFAR, AFAR1, AFB1  
aldehyde reductase 1, AFB1 AR  
1, AFB1 AR1, AKR7, AKR7A2,  
Aldoketoreductase 7, SSA  
reductase



HepG2 cells were subjected to SDS  
PAGE followed by western blot with  
10730-1-AP(AKR7A2 antibody) at  
dilution of 1:200

### Background

AKR7A2(Aflatoxin B1 aldehyde reductase member 2) is also named as AFAR, AFAR1, AKR7 and belongs to the aldo/keto reductase family. AKR7A2 enzyme is catalytically active toward aldehydes arising from lipid peroxidation, suggesting a potential role against the consequences of oxidative stress, and representing an important detoxication route in mammalian cells(PMID:22001351).

### Applications

Tested applications:	ELISA, WB
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated AKR7A2 MW:	40 kDa
Observed AKR7A2 MW:	35-40 kDa
Positive WB detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1049
GenBank accession number:	BC007352
Gene ID (NCBI):	8574
Full name:	Aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.