

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-AKR7A2



Numéro de catalogue: 10730-1-AP

Phare

2 Publications

## Informations de base

<b>Numéro de catalogue:</b> 10730-1-AP	<b>Numéro d'acquisition GenBank:</b> BC007352	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 8574	<b>Dilutions recommandées:</b> WB 1:500-1:1000 IHC 1:100-1:400
<b>Hôte:</b> Lapin	<b>Nom complet:</b> aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	
<b>Isotype:</b> IgG	<b>MW calculé</b> 40 kDa	
<b>Immunogen Catalog Number:</b> AG1049	<b>MW observés:</b> 35-40 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IHC, WB

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu hépatique de souris, cellules A431, cellules HEK-293, cellules HepG2

IHC : tissu de cancer du foie humain,

## Informations générales

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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaohan Zhai	35179299	Environ Toxicol	WB
Cui Yazhou Y	19077459	Pancreatology	WB, IHC

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

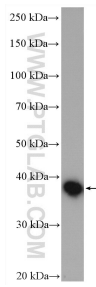
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

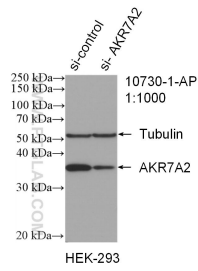
E: proteintech@ptglab.com  
W: ptglab.com

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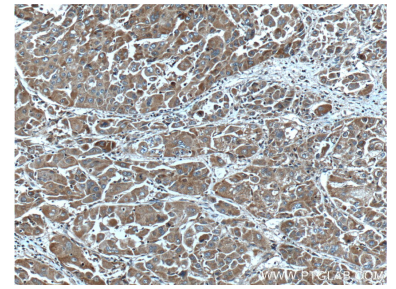
## Données de validation sélectionnées



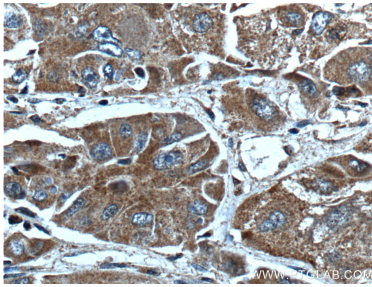
mouse liver tissue were subjected to SDS PAGE followed by western blot with 10730-1-AP (AKR7A2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



WB result of AKR7A2 antibody (10730-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AKR7A2 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10730-1-AP (AKR7A2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10730-1-AP (AKR7A2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).