

À des fins de recherche uniquement

Anticorps Monoclonal anti-AKR7A2

Numéro de catalogue: 66677-1-Ig Phare



Informations de base

Numéro de catalogue: 66677-1-Ig	Numéro d'acquisition GenBank: BC007352	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 8574	CloneNo.: 2E1E8
Hôte: Mouse	Nom complet: aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:200-1:800
Isotype: IgG1	MW calculé 40 kDa	
Immunogen Catalog Number: AG26105	MW observés: 35-40 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

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).

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.

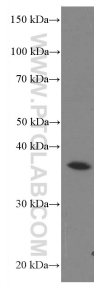
For technical support and original validation data for this product please contact:

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

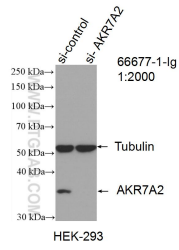
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

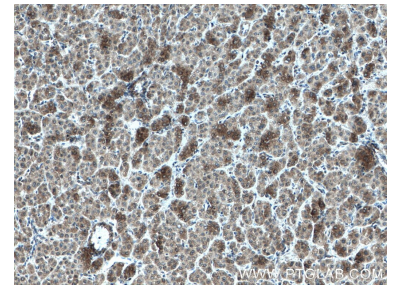
Données de validation sélectionnées



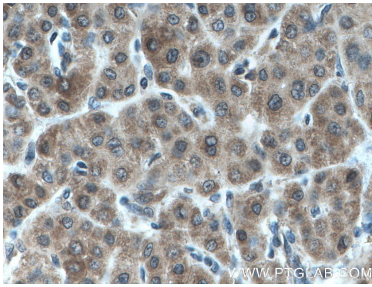
Jurkat cells were subjected to SDS PAGE followed by western blot with 66677-1-Ig (AKR7A2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



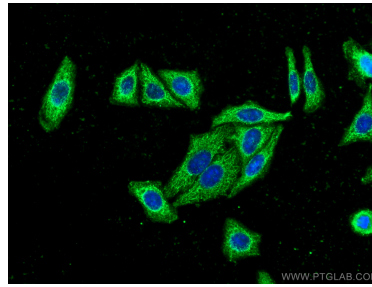
WB result of AKR7A2 antibody (66677-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AKR7A2 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66677-1-Ig (AKR7A2 antibody) at dilution of 1:300 (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 66677-1-Ig (AKR7A2 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using AKR7A2 antibody (66677-1-Ig, Clone: 2E1E8) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).