À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ALR

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Numéro de catalogue:11293-1-AP Phare 24 Publications

## Informations de base

Numéro de catalogue:
11293-1-AP

Taille:
150ul , Concentration: 650 μg/ml by Nanodrop and 360 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1840

Numéro d'acquisition GenBank:
BC028348

Identification du gène (NCBI):
2671

Nom complet:
growth factor, augmenter of liver regeneration

MW calculé
15 kDa, 23 kDa

MW observés:
23-25 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:8000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:50-1:500

## Applications

Applications testées:
IHC, IP, WB,ELISA

Demandes citées:
FC, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

***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 : tissu hépatique de souris, cellules A375, cellules A431, cellules HepG2, tissu hépatique de rat

IP : tissu hépatique de souris,

IHC : tissu de cancer du foie humain, tissu de cancer du côlon humain, tissu hépatique humain, tissu testiculaire humain

## Informations générales

GFER (FAD-linked sulfhydryl oxidase) is also named as ALR, HERV1, HPO. It plays an important role in the disulfide relay system (DRS) in human mitochondria. The GFER gene codes for 2 distinct isoforms that are probably synthesized from the same mRNA with the use of different initiation codons. The long isoform (205 amino acids, 23/21 kD) is located mainly in the mitochondrial intermembrane space and exists under nonreducing and nondenaturing conditions as a homodimer and a heterodimer. The shorter isoform (125 amino acids, 15 kD), which lacks 80 amino acids at its N terminus compared to the longer isoform, is present predominantly in the nucleus (PMID: 19409522, 24880092, 21152698).

## Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---|---|---|---|
| Wei-Lun Ai | 30251695 | Biochim Biophys Acta Mol Basis Dis | WB,IF |
| Chao Zhang | 28646508 | Hepatology | WB |
| Jing Zhang | 34655600 | Exp Cell Res | |

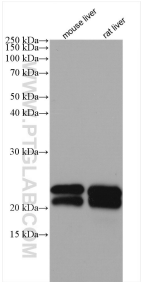
## Stockage

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

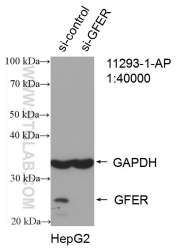
***** Les 20ul contiennent 0,1% de BSA.**

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

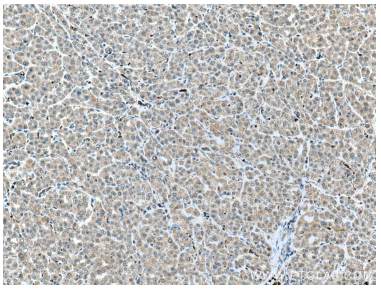
## Données de validation sélectionnées



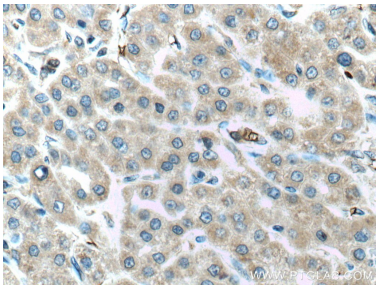

Various lysates were subjected to SDS PAGE followed by western blot with 11293-1-AP (ALR antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



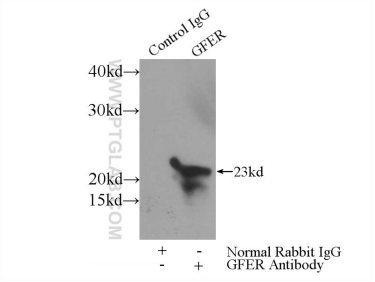

WB result of ALR antibody (11293-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ALR transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11293-1-AP (ALR 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 11293-1-AP (ALR antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).




IP Result of anti-ALR (IP:11293-1-AP, 3ug; Detection:11293-1-AP 1:1000) with mouse liver tissue lysate 4000ug.