

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-CIRBP



Numéro de catalogue: 10209-2-AP

Phare

71 Publications

## Informations de base

Numéro de catalogue:  
10209-2-AP

Taille:  
150ul, Concentration: 800 µg/ml by  
Nanodrop;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0280

Numéro d'acquisition GenBank:  
BC000403

Identification du gène (NCBI):  
1153

Nom complet:  
cold inducible RNA binding protein

MW calculé  
172 aa, 19 kDa

MW observés:  
19 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:500-1:2000  
IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB  
IHC 1:50-1:500  
IF 1:10-1:100

## Applications

Applications testées:  
FC, IF, IHC, IP, WB, ELISA

Demandes citées:  
CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris, squirrel

**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 PC-12, cellules A549, cellules HEK-293, cellules HepG2, cellules PC-13, cellules Y79, tissu cérébral de souris, tissu testiculaire de souris

IP : cellules HepG2,

IHC : tissu de cancer du pancréas humain, tissu de cancer du sein humain, tissu pancréatique de souris

IF : cellules HepG2,

## Informations générales

CIRBP, also named as A18HNRNP and CIRP, is a cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival[PMID: 19158277]. CIRBP is also involved in cap-independent translation upon moderate cold-shock. It acts as a translational activator. CIRBP is a suppressive rather stimulatory effect on proliferation[PMID: 19777567]. CIRBP can translocate from nucleus to cytoplasm under stresses such as UV irradiation or heat shock. Suppression of CIRBP increased the apoptotic cell population of neural stem cells at moderate low temperature[PMID: 20735994]. This antibody (Catalog# 10209-2-AP) is a rabbit polyclonal antibody raised against the full-length CIRBP of human origin.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yuankang Zou	36211820	Oxid Med Cell Longev	WB,IF
Mingyue Liu	30396738	J Thorac Cardiovasc Surg	WB
Sihan Lv	36170814	Cell Rep	WB

## 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.

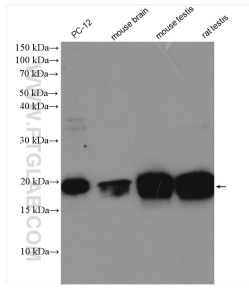
For technical support and original validation data for this product please contact:

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

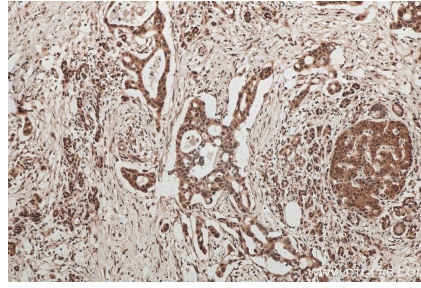
E: proteintech@ptglab.com  
W: ptglab.com

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

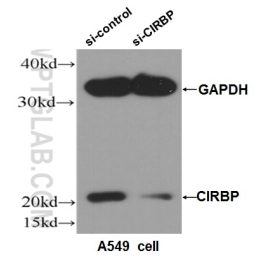
## Données de validation sélectionnées



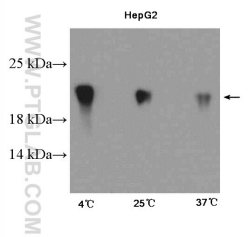
PC-12 cells were subjected to SDS PAGE followed by western blot with 10209-2-AP (CIRBP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



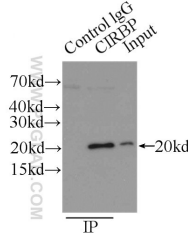
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10209-2-AP (CIRBP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



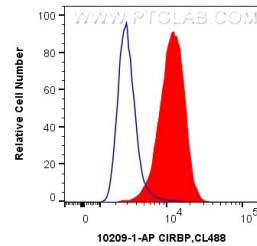
WB result of CIRBP antibody (10209-2-AP, 1:500) with si-control and si-CIRBP transfected A549 cell.



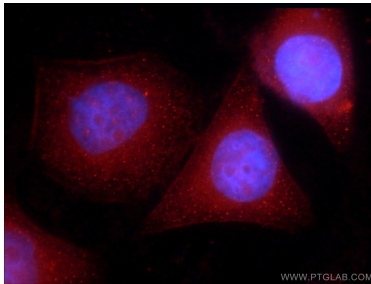
HepG2 cells were subjected to SDS PAGE followed by western blot with 10209-2-AP (CIRBP Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-CIRBP (IP:10209-2-AP, 3ug; Detection:10209-2-AP 1:500) with HepG2 cells lysate 6000ug.



$1 \times 10^6$  A549 cells were intracellularly stained with 0.4 ug Anti-Human CIRBP (10209-2-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of HepG2 cells using 10209-2-AP (CIRBP antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.