

Nur für Forschungszwecke

CIRBP Polyklonaler Antikörper

Katalog-Nr.: 10209-2-AP

Vorgestelltes Produkt

69 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10209-2-AP	GenBank-Zugangsnummer: BC000403	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 1153	Empfohlene Verdünnungen: WB 1:500-1:2000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: cold inducible RNA binding protein	IHC 1:50-1:500 IF 1:10-1:100
Isotyp: IgG	Berechnete Masse: 172 aa, 19 kDa	
Immunogen Katalognummer: AG0280	Beobachtete Masse: 19 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, IF, IHC, IP, RIP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Eichhörnchen, Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: PC-12-Zellen, A549-Zellen, HEK-293-Zellen, HepG2-Zellen, Maushirngewebe, Maushodengewebe, PC-13-Zellen, Y79-Zellen

IP: HepG2-Zellen,

IHC: humanes Pankreaskarzinomgewebe, humanes Mammakarzinomgewebe, Maus-Pankreasgewebe

IF: HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

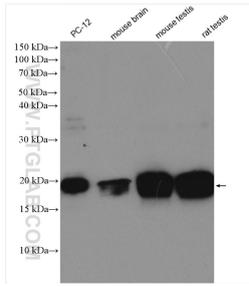
For technical support and original validation data for this product please contact:

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

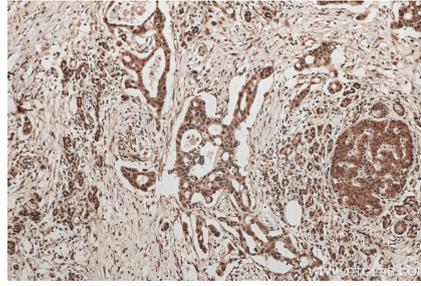
E: proteintech@ptglab.com
W: ptglab.com

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

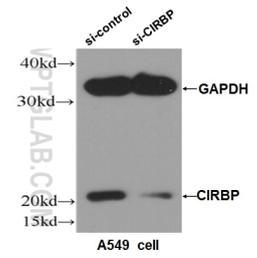
Ausgewählte Validierungsdaten



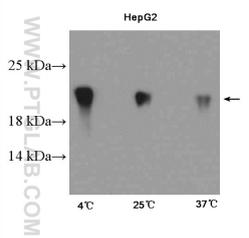
PC-12 cells were subjected to SDS PAGE followed by western blot with 10209-2-AP (CIRBP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



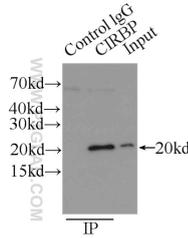
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10209-2-AP (CIRBP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



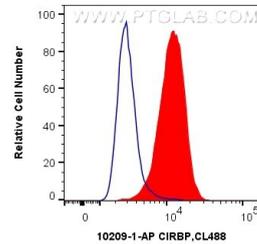
WB result of CIRBP antibody (10209-2-AP, 1:500) with si-control and si-CIRBP transfected A549 cell.



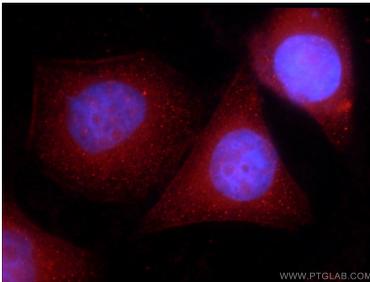
HepG2 cells were subjected to SDS PAGE followed by western blot with 10209-2-AP (CIRBP Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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



1×10^6 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.