For Research Use Only

CRCP Polyclonal antibody

Catalog Number:14348-1-AP 8 Publications

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Basic Information

Catalog Number:
14348-1-AP

Size:
150ul , Concentration: 473 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5689

GenBank Accession Number:
BC040107

GeneID (NCBI):
27297

UNIPROT ID:
O75575

Full Name:
CGRP receptor component

Calculated MW:
17 kDa

Observed MW:
20 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:1000-1:4000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:20-1:200
IF-P: 1:200-1:800
FC (Intra): 0.25 ug per 10^6 cells in a 100 ul suspension

Applications

Tested Applications:
WB, IHC, IF-P, FC (Intra), IP, ELISA

Cited Applications:
WB, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Raji cells, HeLa cells, human testis tissue, MCF-7 cells

IP : Raji cells,

IHC : human testis tissue,

IF-P : mouse testis tissue,

FC (Intra) : Raji cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Qi An	34020664	J Neuroinflammation	IF
Rui Shi	35317822	J Transl Med	WB
Tingjiao Liu	34296452	Cell Biochem Funct	IF

Storage

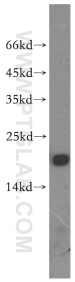
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

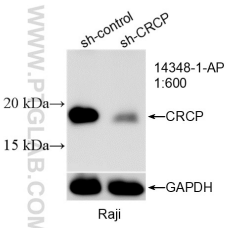
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

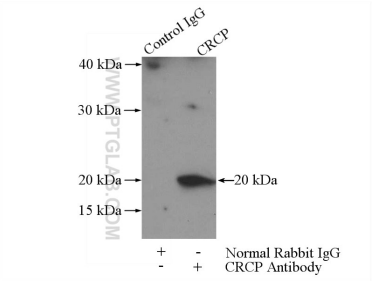
Selected Validation Data



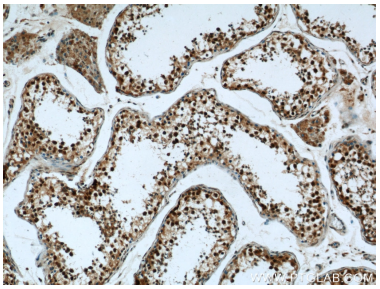
Raji cells were subjected to SDS PAGE followed by western blot with 14348-1-AP (CRCP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



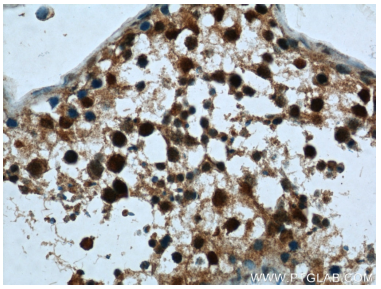
WB result of CRCP antibody (14348-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-CRCP transfected Raji cells.



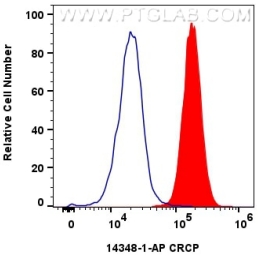
IP result of anti-CRCP (IP:14348-1-AP, 3ug; Detection:14348-1-AP 1:1000) with Raji cells lysate 2800ug.



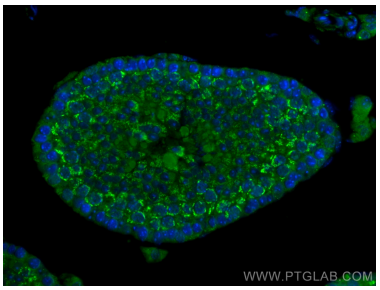
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14348-1-AP (CRCP Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14348-1-AP (CRCP Antibody) at dilution of 1:50 (under 40x lens).



1x10^6 Raji cells were intracellularly stained with 0.25 ug CRCP Polyclonal antibody (14348-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug rabbit IgG isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using CRCP antibody (14348-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).