

For Research Use Only

# CBR1 Polyclonal antibody, PBS Only

Catalog Number: 31279-1-PBS



## Basic Information

**Catalog Number:**

31279-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG34830

**GenBank Accession Number:**

BC002511

**GeneID (NCBI):**

873

**UNIPROT ID:**

P16152

**Full Name:**

carbonyl reductase 1

**Calculated MW:**

30 kDa

**Observed MW:**

30 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IF/ICC, IP, Indirect ELISA

**Species Specificity:**

human, rat

## Background Information

CBR1 belongs to the short-chain dehydrogenases/reductases (SDR) family, which function as NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds, such as quinones, prostaglandins, and various xenobiotics.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

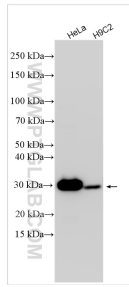
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

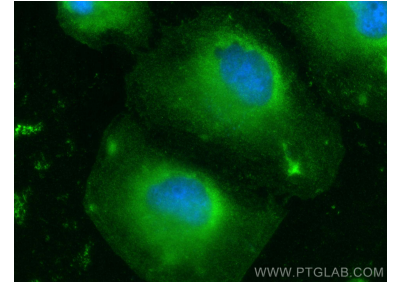
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31279-1-AP (CBR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31279-1-PBS in a different storage buffer formulation.

IP result of anti-CBR1 (IP:31279-1-AP, 4ug; Detection:31279-1-AP 1:5000) with HeLa cells lysate 980 ug. This data was developed using the same antibody clone with 31279-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CBR1 antibody (31279-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31279-1-PBS in a different storage buffer formulation.