

For Research Use Only

# CBR1 Polyclonal antibody

Catalog Number: 31279-1-AP



## Basic Information

**Catalog Number:**

31279-1-AP

**Size:**

500 ug/ml

**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

**Recommended Dilutions:**

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, IP, ELISA

**Species Specificity:**

human, rat

**Positive Controls:**

WB : HeLa cells, H9C2 cells

IP : HeLa cells,

IF/ICC : HeLa cells,

## 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 -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

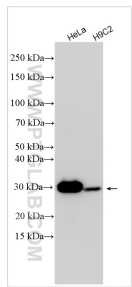
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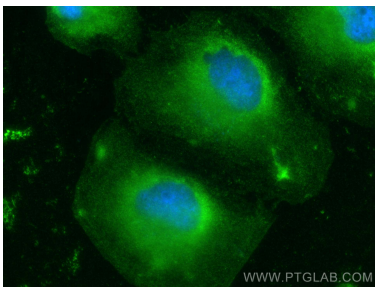
## Selected Validation Data



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.



IP result of anti-CBR1 (IP:31279-1-AP, 4ug; Detection:31279-1-AP 1:5000) with HeLa cells lysate 980 ug.



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).