

For Research Use Only

CBR1 Polyclonal antibody

Catalog Number: 31279-1-AP



Basic Information

Catalog Number:

31279-1-AP

Size:

150ul, Concentration: 500 ug/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

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

*** 20ul sizes contain 0.1% BSA

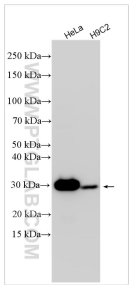
For technical support and original validation data for this product please contact:

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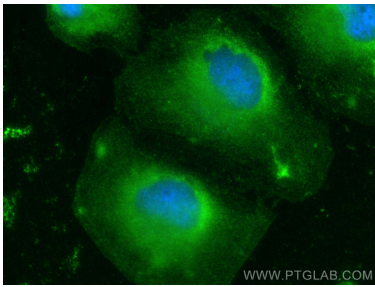
Selected Validation Data



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).