# Rabbit anti-Human, Mouse CBR1 Polyclonal Antibody | anti-CBR1 antibody

CBR1 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA279832** | **Rabbit** | **Human, Mouse** | **Immunofluorescence, Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

CBR1; Polyclonal Antibody; CBR1 Polyclonal Antibody; CBR; hCBR1; SDR21C1; anti-CBR1 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Affinity Purification |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 277 |
| **Applicable Applications for anti-CBR1 antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| **Species** | Human |
| **Immunogen** | Recombinant Protein |
| **Immunogen** | Recombinant protein of human CBR1 |
| **Calculated Molecular Weight** | 30kDa |
| **Preparation and Storage** | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

## IMAGES

**IF (Immunofluorescence)**
Immunofluorescence analysis of HeLa cells using CBR1 antibody. Blue: DAPI for nuclear staining.

**WB (Western Blot)**
Western blot analysis of extracts of various cell lines, using CBR1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 5s.

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-CBR1 antibody** | The protein encoded by this gene 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. Alternatively spliced transcript variants have been found for this gene. |

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| **Product Categories/Family for anti-CBR1 antibody** | Polyclonal |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 118519 |
| **NCBI GeneID** | 873 |
| **UniProt Accession #** | P16152; Q3LHW8; B2RBZ7; B4DFK7 |
| **Molecular Weight** | 277 |
| **NCBI Official Full Name** | Carbonyl reductase |
| **NCBI Official Synonym Full Names** | carbonyl reductase 1 |
| **NCBI Official Symbol** | CBR1 |
| **NCBI Official Synonym Symbols** | CBR; hCBR1; SDR21C1 |
| **NCBI Protein Information** | carbonyl reductase [NADPH] 1; carbonyl reductase [NADPH] 1; carbonyl reductase (NADPH) 1; prostaglandin 9-ketoreductase; prostaglandin-E(2) 9-reductase; NADPH-dependent carbonyl reductase 1; 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 21C, member 1 |
| **UniProt Protein Name** | Carbonyl reductase [NADPH] 1 |
| **UniProt Gene Name** | **CBR1** |
| **UniProt Synonym Gene Names** | CBR; CRN |
| **UniProt Entry Name** | CBR1_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/cbr1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279832