

Rabbit anti-Human CBR1 Polyclonal Antibody | anti-CBR1 antibody

Anti-CBR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125455	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

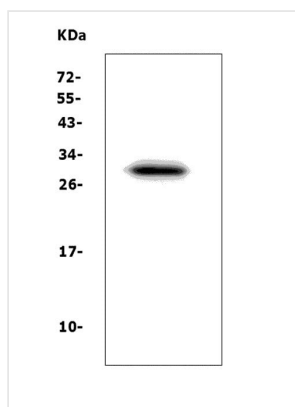
PRODUCT SYNONYMS

CBR1; Polyclonal Antibody; Anti-CBR1 Antibody; Carbonyl reductase [NADPH] 1; 15-hydroxyprostaglandin dehydrogenase [NADP(+)]; NADPH-dependent carbonyl reductase 1; Prostaglandin 9-ketoreductase; Prostaglandin-E(2) 9-reductase; Short chain dehydrogenase/reductase family 21C member 1; CBR; CRN; SDR21C1; anti-CBR1 antibody

PRODUCT SPECIFICATIONS

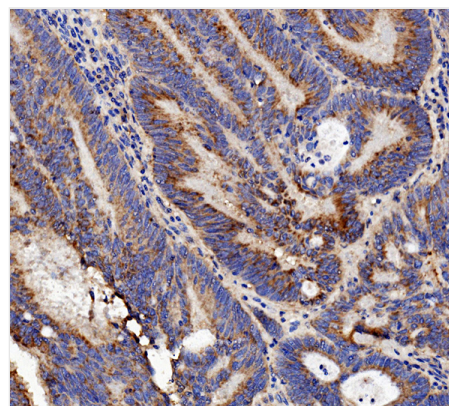
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	277
Applicable Applications for anti-CBR1 antibody	ELISA (Direct ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CBR1 recombinant protein (Position: N14-E262).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of CBR1 using anti-CBR1 antibody.



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-CBR1 antibody	Description: Rabbit IgG polyclonal antibody for CBR1 detection. Tested with WB, IHC-P, Direct ELISA in Human. Background: Carbonyl reductase 1, also known as CBR1, is an enzyme which in humans is encoded by the CBR1 gene. It is mapped to 21q22.12. 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.
References	1. Avramopoulos, D., Cox, T., Forrest, G. L., Chakravarti, A., Antonarakis, S. E. Linkage mapping of the carbonyl reductase (CBR) gene on human chromosome 21 using a DNA polymorphism in the 3-prime untranslated region. Genomics 13: 447-448, 1992. 2. Forrest, G. L., Akman, S., Krutzik, S., Paxton, R. J., Sparkes, R. S., Doroshow, J., Felsted, R. L., Glover, C. J., Mohandas, T., Bachur, N. R. Induction of a human carbonyl reductase gene located on chromosome 21. Biochim. Biophys. Acta 1048: 149-155, 1990. 3. Lemieux, N., Malfoy, B., Forrest, G. L. Human carbonyl reductase (CBR) localized to band 21q22.1 by high-resolution fluorescence in situ hybridization displays gene dosage effects in trisomy 21 cells. Genomics 15: 169-172, 1993.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502599
NCBI GeneID	873
NCBI Accession #	NP_001748.1
NCBI GenBank Nucleotide #	NP_001748.1
UniProt Accession #	P16152
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbr1-antibody-direct-elisa-immunohistochemistry-western-blot-elisa/125455>