Rabbit CBR1 Polyclonal Antibody | anti-CBR1 antibody

CBR1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169402	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	173
Applicable Applications for anti-CBR1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CBR1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer using CBR1 Polyclonal Antibody at dilution of 1:40

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human breast cancer using CBR1 Polyclonal Antibody at dilution of 1:40

WB (Western Blot)
Western Blot analysis of Mouse liver and Human fetal lung tissue, hela cell and Mouse kidney tissue, Human brain malignant glioma tissue using CBR1 Polyclonal Antibody at dilution of 1:900

ADDITIONAL INFORMATION

Related Product Information for anti-CBR1 antibody	Carbonyl reductase is one of several monomeric, NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds. This enzyme is widely distributed in human tissues. Another carbonyl reductase gene, CRB3, lies close to this gene on chromosome 21q. NADPH-dependent reductase with broad substrate specificity. Catalyzes the reduction of a wide variety of carbonyl compounds including quinones, prostaglandins, menadione, plus various xenobiotics. Catalyzes the reduction of the antitumor anthracyclines doxorubicin and daunorubicin to the cardiotoxic compounds doxorubicinol and daunorubicinol.

NCBI AND UNIPROT INFORMATION

NCBI GI #	557948119
NCBI GeneID	873
NCBI Accession #	NP_001273718.1
NCBI GenBank Nucleotide #	NM_001286789.1
Molecular Weight	18,762 Da
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; 15-hydroxyprostaglandin dehydrogenase; NADPH-dependent carbonyl reductase 1; carbonyl reductase (NADPH) 1; prostaglandin 9-ketoreductase; prostaglandin-E(2) 9-reductase; 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/cbr1-antibody-immunohistochemistry-western-blot-elisa/169402