

Rabbit anti-Human CBR3 Polyclonal Antibody | anti-CBR3 antibody

CBR3 Antibody (C-term)

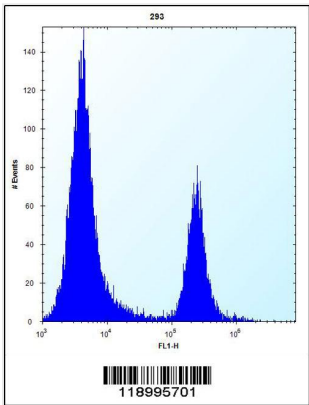
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286416	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

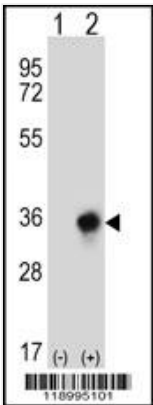
CBR3; Polyclonal Antibody; CBR3 Antibody (C-term); Carbonyl reductase [NADPH] 3; NADPH-dependent carbonyl reductase 3; anti-CBR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CBR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-224 amino acids from the C-terminal region of human CBR3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	195-224
Sequence Length	277
Applicable Applications for anti-CBR3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CBR3 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CBR3 (arrow) using rabbit polyclonal CBR3 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CBR3 gene.

ADDITIONAL INFORMATION

Related Product Information for anti-CBR3 antibody	Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1.
Product Categories/Family for anti-CBR3 antibody	Metabolism; Signal Transduction
References	Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009) Zhang, J., et al. Pharm. Res. 26(9):2209-2215(2009) Choi, J.Y., et al. Clin. Cancer Res. 15(16):5258-5266(2009) Pilka, E.S., et al. PLoS ONE 4 (10), E7113 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502601
NCBI GeneID	874
NCBI Accession #	NP_001227.1
NCBI GenBank Nucleotide #	NM_001236.3
UniProt Accession #	O75828; Q6FHP2
Molecular Weight	30850
NCBI Official Full Name	carbonyl reductase
NCBI Official Synonym Full Names	carbonyl reductase 3
NCBI Official Symbol	CBR3
NCBI Official Synonym Symbols	hCBR3; SDR21C2; HEL-S-25
NCBI Protein Information	carbonyl reductase [NADPH] 3
UniProt Protein Name	Carbonyl reductase [NADPH] 3
UniProt Gene Name	CBR3

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/cbr3-antibody-flow-cytometry-western-blot-elisa/286416>