

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

CBR1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282714	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

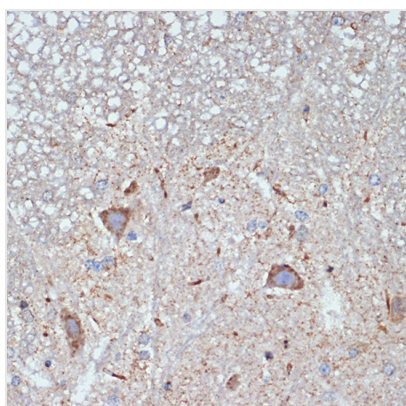
PRODUCT SYNONYMS

CBR1; Monoclonal Antibody; CBR1 Rabbit mAb; CBR; hCBR1; PG-9-KR; SDR21C1; anti-CBR1 antibody

PRODUCT SPECIFICATIONS

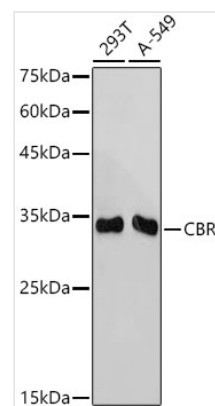
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	DTKKGVHQKE GWPSSAYGVT KIGVTLSRI HARKLSEQRK GDKILLNACC PGWVRTDMAG PKATKSPEEG AETPVYLALL PDAEGPHGQ FVSEKRVEQW
Applicable Applications for anti-CBR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 178-277 of human CBR1 (P16152).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using CBR1 Rabbit mAb (AAA282714) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using CBR1 Rabbit mAb (AAA282714) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

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.
Product Categories/Family for anti-CBR1 antibody	Cancer; Signal Transduction; Cell Biology Developmental Biology; Endocrine Metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502599
NCBI GeneID	873
NCBI Accession #	NP_001748.1
NCBI GenBank Nucleotide #	NM_001757.2
UniProt Accession #	P16152; Q3LHW8; B2RBZ7
Molecular Weight	Calculated MW: 30kDa Observed MW: 33kDa
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://www.aaabiotech.com/monoclonal/cbr1-antibody-immunohistochemistry-western-blot-elisa/282714>