

Datasheet for ABIN2782364
anti-CBR1 antibody (Middle Region)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	CBR1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Rabbit, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CBR1
Sequence:	AEVTMKTNFF GTRDVCTELL PLIKPQGRVV NVSSIMSVRA LKSCSPELQQ
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 79%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against CBR1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CBR1
Alternative Name:	CBR1 (CBR1 Products)

Target Details

Background: Carbonyl reductase is one of several monomeric, NADPH-dependent oxidoreductases having wide specificity for carbonyl compounds. This enzyme is widely distributed in human tissues.
Alias Symbols: CBR, hCBR1, SDR21C1
Protein Interaction Partner: MDM2, GRB2, VHL, ESR1, UBC, COPS5, CUL1, UL27, RAD21, Mapk13, UBA5, DDA1, ATG101, PRKAB1, EGFR, ERCC8, MCC,
Protein Size: 277

Molecular Weight: 30 kDa

Gene ID: 873

NCBI Accession: [NM_001757](#), [NP_001748](#)

UniProt: [P16152](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 277 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Product cited in: Crawford, Qian, Ziogas, Papageorge, Boersma, Walker, Lukes, Rowe, Zhang, Ambs, Lowy, Anton-Culver, Hunter: "Rrp1b, a new candidate susceptibility gene for breast cancer progression and metastasis." in: **PLoS genetics**, Vol. 3, Issue 11, pp. e214, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-CBR1 Antibody Titration: 0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate CBR1 is supported by BioGPS gene expression data to be expressed in OVCAR3

Western Blotting

Image 2. WB Suggested Anti-CBR1 Antibody Titration: 0.2-1 µg/mL Positive Control: OVCAR-3 cell lysate CBR1 is supported by BioGPS gene expression data to be expressed in OVCAR3

Immunohistochemistry

Image 3. Rabbit Anti-CBR1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: N/A Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

