

## CBR1 RABBIT PAB

**Cat.#:** S217157

**Product Name:** Anti-CBR1 Rabbit Polyclonal Antibody

**Synonyms:** CBR; hCBR1; SDR21C1

**UNIPROT ID:** P16152 (Gene Accession - BC002511 )

**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. 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.

**Immunogen:** Fusion protein of human CBR1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 2000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

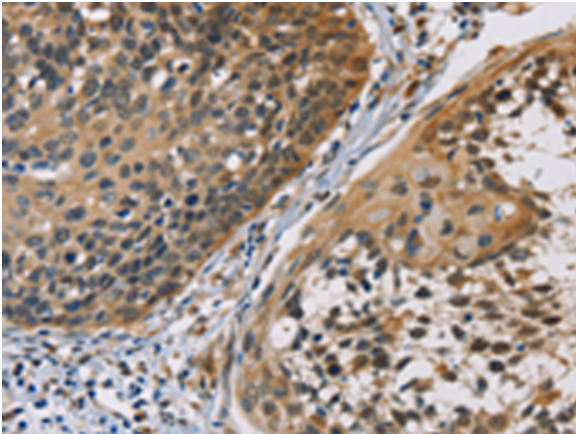
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

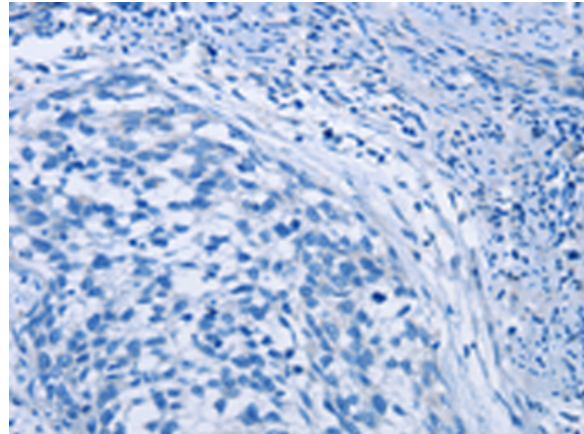
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cell Biology

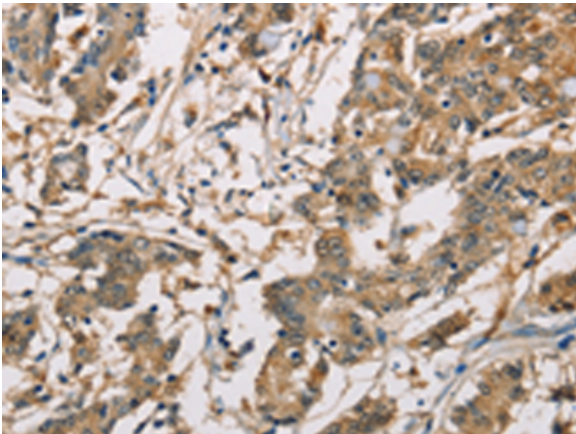
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



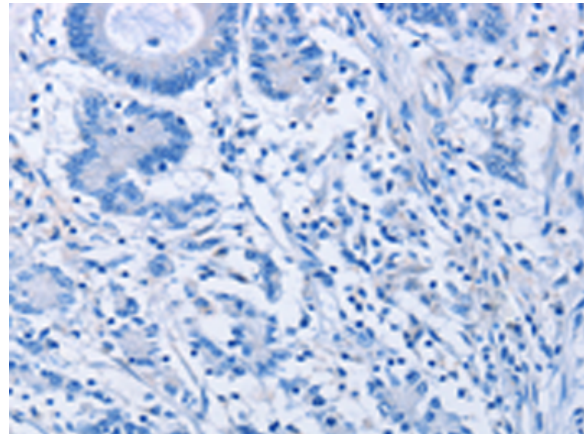
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 217157(CBR1 Antibody) at a dilution of 1/40(Cytoplasm).



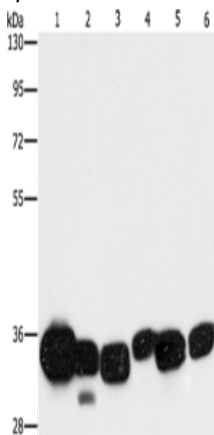
In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 217157(Anti-CBR1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 217157(Anti-CBR1 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with fusion protein and then with D221894(Anti-CBR1 Antibody) at dilution 1/40.



Gel: 15%SDS-PAGE, Lysate: 40 µg;  
Lane 1-6: Mouse liver tissue, human fetal lung tissue, hela cells, mouse kidney tissue, human brain malignant glioma tissue, K562 cells;  
Primary antibody: 217157(CBR1 Antibody) at dilution 1/1000;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 10 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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