

Datasheet for ABIN7214000  
**anti-CNR2 antibody (AA 170-250)**



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1 Image

## Overview

Quantity:	100 µL
Target:	CNR2
Binding Specificity:	AA 170-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNR2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	CB2 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human CB2 at AA range: 170-250
Isotype:	IgG
Specificity:	CB2 Polyclonal Antibody detects endogenous levels of CB2 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

## Target Details

Target:	CNR2
Alternative Name:	CB2 ( <a href="#">CNR2 Products</a> )

## Target Details

**Background:** Rabbit Anti-CB2 Polyclonal Antibody,CNR2, Cannabinoid receptor 2, CB-2, CB2, hCB2, CX5,The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by CNR2 and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors.,Cannabinoid receptor 2

**Molecular Weight:** observed band 33kDa

**Gene ID:** 1269

**UniProt:** [P34972](#)

## Application Details

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:5000). Not yet tested in other applications.

**Comment:** Primary Antibody

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

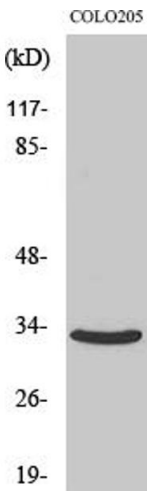
**Buffer:** PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.

**Preservative:** Sodium azide

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

**Storage:** -20 °C

**Storage Comment:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



Western Blotting

**Image 1.** Western Blot analysis of various cells using CB2 Polyclonal Antibody.