

Datasheet for ABIN2789519  
**anti-CNR2 antibody (C-Term)**



[Go to Product page](#)

1 Image

1 Publication

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µL                              |
| Target:              | CNR2                                |
| Binding Specificity: | C-Term                              |
| Reactivity:          | Human, Rat, Mouse, Horse            |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This CNR2 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

## Product Details

|                       |  |
|-----------------------|--|
| Sequence:             | MVNPVIYALR SGEIRSSAHH CLAHWKKCVR GLGSEAKEEA PRSSVTETEA                               |
| Predicted Reactivity: | Horse: 83%, Human: 100%, Mouse: 79%, Rat: 86%  |
| Characteristics:      | This is a rabbit polyclonal antibody against CNR2. It was validated on Western Blot. |
| Purification:         | Affinity Purified  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CNR2  |
| Alternative Name: | CNR2 ( <a href="#">CNR2 Products</a> )  |
| Background:       | The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) |

## Target Details

---

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.

Alias Symbols: CB2, CX5

Protein Interaction Partner: GNA15,

Protein Size: 360

---

Molecular Weight: 40 kDa

---

Gene ID: 1269

---

NCBI Accession: [NM\\_001841](#), [NP\\_001832](#)

---

UniProt: [P34972](#)

## Application Details

---

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

---

Comment: Antigen size: 360 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.

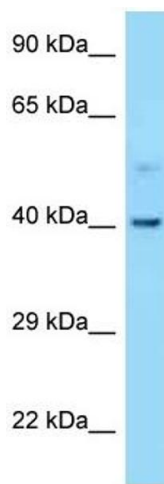
## Publications

---

Product cited in: Wilhelmssen, Khakpour, Tran, Sheehan, Schumacher, Xu, Hellman: "The endocannabinoid/endovanilloid N-arachidonoyl dopamine (NADA) and synthetic cannabinoid WIN55,212-2 abate the inflammatory activation of human endothelial cells." in: **The Journal of biological chemistry**, Vol. 289, Issue 19, pp. 13079-100, (2014) ([PubMed](#)).

## Images

---



### Western Blotting

**Image 1.** WB Suggested Anti-CNR2 Antibody Titration: 1.0 ug/ml Positive Control: 721\_B Whole Cell CNR2 is supported by BioGPS gene expression data to be expressed in 721\_B