Datasheet for ABIN1881140

# anti-CNR1 antibody (AA 161-187)

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## Overview

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|---|---|
| Quantity: | 400 µL |
| Target: | CNR1 |
| Binding Specificity: | AA 161-187 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CNR1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | This CB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 161-187 amino acids of human CB1. |
| Clone: | RB41743 |
| Isotype: | IgG |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

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| Target: | CNR1 |
| Alternative Name: | CB1 (CNR1 Products) |
| Background: | This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9- |

## Target Details

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| | tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for this gene. [provided by RefSeq]. |
| Molecular Weight: | 52858 |
| NCBI Accession: | NP_001153698, NP_001153730, NP_001153731, NP_057167, NP_149421 |
| UniProt: | P21554 |
| Pathways: | Feeding Behaviour |

## Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

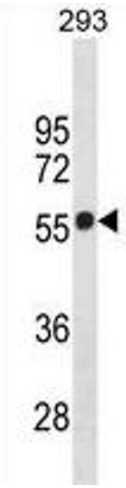
## Publications

| | |
|---|---|
| Product cited in: | Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat model with myocardial infarction." in: **Life sciences**, Vol. 191, pp. 157-165, (2017) (PubMed).<br><br>Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents High Fat Diet-Induced Insulin Resistance in Rats." in: **Journal of diabetes research**, Vol. 2015, |

## Publications

pp. 760535, (2016) (PubMed).

## Images




**Western Blotting**

**Image 1.** CB1 Antibody (Center) (ABIN1881140 and ABIN2838680) western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the CB1 antibody detected the CB1 protein (arrow).