Datasheet for ABIN185485

# anti-CNR2 antibody (C-Term)

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | CNR2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This CNR2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

## Product Details

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|---|---|
| Purpose: | Cannabinoid Receptor 2 |
| Immunogen: | Peptide with sequence C-TETEADGKITPWPD, from the C Terminus of the protein sequence according to NP_001832.1. |
| Sequence: | TETEADGKIT PWPD |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

 

## Target Details

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|---|---|
| Target: | CNR2 |
| Alternative Name: | CNR2 (CNR2 Products) |
| Background: | CNR2, cannabinoid receptor 2 (macrophage), HGNC:2160, CNR3, CB2, CX5 , OTTHUMP00000044841, RP11-4M23.1, testis-dominant CNR2 isoform CB2 |
| Gene ID: | 1269 |
| NCBI Accession: | NP_001832 |

## Application Details

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|---|---|
| Application Notes: | Western Blot: Approx 40 kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 46.2 kDa according to NP_001832.1). This molecular weight is routinely observed by other sources. Primary incubation was 1 hour. Recommended concentration: 1.5<br>Peptide ELISA: antibody detection limit dilution 1:32000. |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| 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: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |

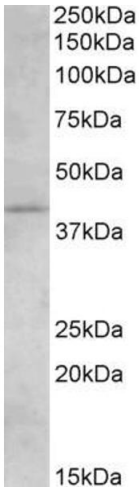
## Publications

| | |
|---|---|
| Product cited in: | Fügedi, Molnár, Rigó, Schönléber, Kovalszky, Molvarec: "Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study." in: **BMC pregnancy and** |

## Publications

**childbirth**, Vol. 14, pp. 395, (2015) (PubMed).

## Images




**Western Blotting**

**Image 1.** ABIN185485 (1.5µg/ml) staining of Human Brain (Hippocampus) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

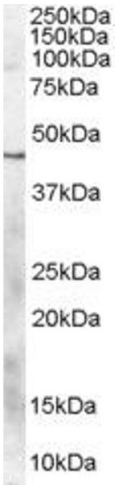



**Image 2.** ABIN185485 (2µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.