

Datasheet for ABIN2854658
anti-CNR1 antibody (C-Term)

5 Images

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Overview

Quantity:	100 µL
Target:	CNR1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Cannabinoid Receptor 1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Cannabinoid Receptor 1 (cannabinoid receptor 1 (brain)) Cannabinoid Receptor 1 antibody [C1C2], Internal
Purification:	Affinity purified by Protein A.

Target Details

Target:	CNR1
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Target Details

Alternative Name:	cannabinoid receptor 1 (CNR1 Products)
Background:	<p>This gene encodes a protein that is one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the family of guanine-nucleotide-binding protein (G-protein) coupled receptors 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. Two transcript variants encoding different isoforms have been described for this gene.</p> <p>Cellular Localization: Cell membrane</p>
Molecular Weight:	53 kDa
Gene ID:	1268
UniProt:	P21554
Pathways:	Feeding Behaviour

Application Details

Application Notes:	WB: 1:1000-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	<p>Positive Control: HEK-293T , human CB1-transfected HEK-293T cells , Mouse brain , Rat2 , U87-MG</p> <p>Validation: Overexpression</p>
Restrictions:	For Research Use only

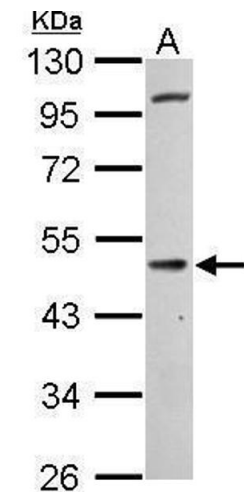
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

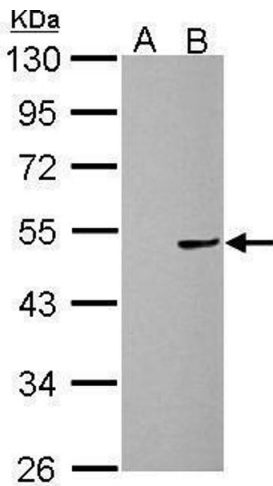
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



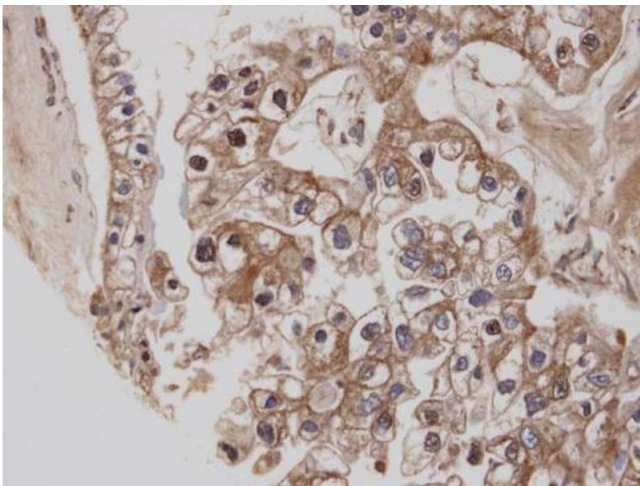
Western Blotting

Image 1. WB Image Cannabinoid Receptor 1 antibody [C1C2], Internal detects CNR1 protein by Western blot analysis. A. 30 µg U87-MG whole cell lysate/extract 10 % SDS-PAGE Cannabinoid Receptor 1 antibody [C1C2], Internal , dilution: 1:1000



Western Blotting

Image 2. WB Image Cannabinoid Receptor 1 antibody [C1C2], Internal detects CNR1 protein by Western blot analysis. A. 10 ug HEK-293T whole cell lysate/extract B. 10 ug whole cell lysate/extract of human CB1-transfected HEK-293T cells 10 % SDS-PAGE Cannabinoid Receptor 1 antibody [C1C2], Internal , dilution: 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded human ovarian cancer, using CB1 , antibody at 1:100 dilution.

Images

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2854658.