

Datasheet for ABIN337042
anti-CNR1 antibody (AA 1-99)



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2 Images

Overview

Quantity:	50 µL
Target:	CNR1
Binding Specificity:	AA 1-99
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant human CB1 (cannabinoid receptor 1) (aa 1-99). Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes human CB1 at ~52kD. Species cross-reactivity: rat.
Purification:	Immunoaffinity purified

Target Details

Target:	CNR1
Alternative Name:	CNR1 / CB1 (CNR1 Products)
Background:	<p>Name/Gene ID: CNR1</p> <p>Subfamily: Cannabinoid</p> <p>Family: GPCR</p> <p>Synonyms: CNR1, CB-R, CB1 receptor, CB1A, CB1R, Cannabinoid receptor 1, Cannabinoid receptor CB1, Cannabinoid Receptor I, CB1, CB1K5, CANN6, Cannabinoid receptor 1 (brain), CNR, Cannabinoid CB(1) receptor, CB1 cannabinoid receptor, Central cannabinoid receptor</p>
Gene ID:	1268
UniProt:	P21554
Pathways:	Feeding Behaviour

Application Details

Application Notes:	<p>Approved: ICC (1:1000), IHC, IHC-Fr, IHC-P (5 µg/mL), WB (1:250)</p> <p>Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Western Blot: 1:250, detects a band at ~52kD.</p>
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

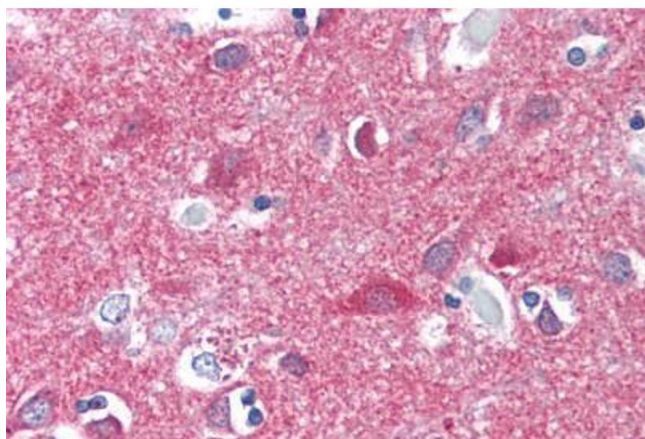
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 1 mg/mL BSA, 0.05 % sodium azide, 50 % glycerol.
Preservative:	Sodium azide

Handling

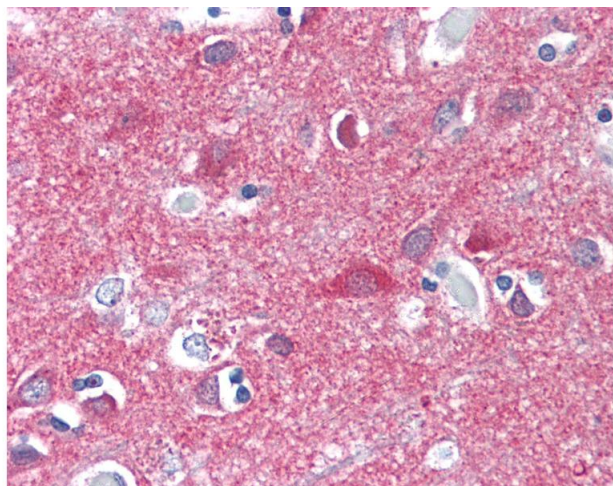
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with CNR1 antibody ABIN337042 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-CNR1 / CB1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.