

Datasheet for ABIN6138796
anti-CNR2 antibody (AA 1-100)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CNR2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CNR2 (NP_001832.1).
Sequence:	MEECWVTEIA NGSKDGLDSN PMKDYMILSG PQKTAVAVLC TLLGLLSALE NVAVLYLILS SHQLRRKPSY LFIGSLAGAD FLASVVFACS FVNFHVFHGV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

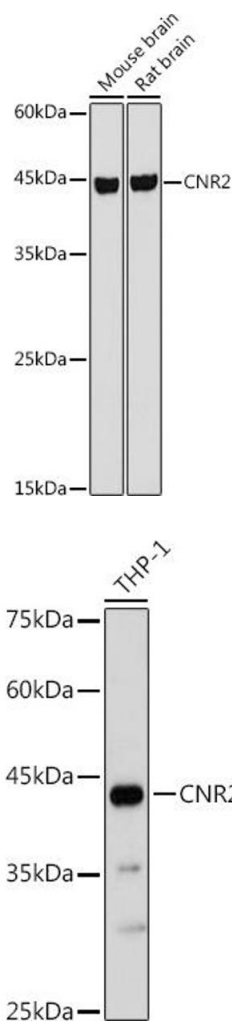
Target:	CNR2
Alternative Name:	CNR2 (CNR2 Products)
Background:	The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding 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.,CNR2,CB-2,CB2,CX5,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,CNR2
Molecular Weight:	39 kDa
Gene ID:	1269
UniProt:	P34972

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CNR2 antibody (ABIN6133637, ABIN6138796, ABIN6138797 and ABIN6218862) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

Western Blotting

Image 2. Western blot analysis of extracts of THP-1 cells, using CNR2 antibody (ABIN6133637, ABIN6138796, ABIN6138797 and ABIN6218862) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.