



# Anti-CNR1 (aa 25-39) polyclonal antibody (DPABH-07939)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Involved in cannabinoid-induced CNS effects. Acts by inhibiting adenylate cyclase. Could be a receptor for anandamide. Inhibits L-type Ca(2+) channel current. Isoform 2 and isoform 3 have altered ligand binding.
<b>Specificity</b>	DPABH-07939 is expected to recognize reported isoform a (NP_057167.2) only. Reported variants represent identical protein: NP_001153731.1, NP_001153732.1, NP_057167.2, NP_001153730.1, NP_001153698.1
<b>Immunogen</b>	Synthetic peptide: SNDIQYEDIKGDMS with a Cysteine residue linker, corresponding to N terminal amino acids 25-39 of Human Cannabinoid Receptor I (NP_057167.2).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse, Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	200 µl
<b>Buffer</b>	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

Gene Name	<a href="#">CNR1 cannabinoid receptor 2 (brain) [ Homo sapiens ]</a>
Official Symbol	CNR1
Synonyms	CNR1; cannabinoid receptor 1 (brain); CB1; CNR; CB-R; CB1A; CB1R; CANN6; CB1K5; cannabinoid receptor 1; central cannabinoid receptor;
Entrez Gene ID	<a href="#">1268</a>
Protein Refseq	<a href="#">NP_001153698.1</a>
UniProt ID	<a href="#">P21554</a>
Pathway	BDNF signaling pathway; G alpha (i) signalling events; GPCR ligand binding; N-cadherin signaling events
Function	cannabinoid receptor activity; drug binding;