



Anti-CNR1 (aa 77-91) polyclonal antibody (DPABH-08035)

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

PRODUCT INFORMATION

Antigen Description	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.
Specificity	This antibody is expected to recognize both reported isoforms (NP_057167.2; NP_149421.2).
Immunogen	Synthetic peptide: NITEFYNKSLSSFKE with a Cysteine residue linker, corresponding to internal sequence amino acids 77-91 of Human Cannabinoid Receptor I (NP_057167.2; NP_149421.2)
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CNR1 cannabinoid receptor 2 (brain) [Homo sapiens]
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	1268
Protein Refseq	NP_001153698.1
UniProt ID	P21554
Pathway	BDNF signaling pathway; G alpha (i) signalling events; GPCR ligand binding; N-cadherin signaling events
Function	cannabinoid receptor activity; drug binding;