



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

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	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
Immunogen	Synthetic peptide: SNDIQYEDIKGDMAS with a Cysteine residue linker, corresponding to N terminal amino acids 25-39 of Human Cannabinoid Receptor I (NP_057167.2).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse, Human
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

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

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;