



Anti-CNR1 polyclonal antibody (DPABH-28537)

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 adenylyl cyclase. Could be a receptor for anandamide. Inhibits L-type Ca(2+) channel current. Isoform 2 and isoform 3 have altered ligand binding.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 450 to the C-terminus of Mouse Cannabinoid Receptor I.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CNR1 cannabinoid receptor 2 (brain) [<i>Mus musculus</i>]
Official Symbol	CNR1
Synonyms	CNR1; cannabinoid receptor 1 (brain); CB1; CB-R; CB1R; cannabinoid receptor 1; brain-type cannabinoid receptor; striatal cannabinoid receptor type 1 protein;
Entrez Gene ID	12801
Protein Refseq	NP_031752.1
UniProt ID	P47746
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like; Neuroactive ligand-receptor interaction
Function	G-protein coupled receptor activity; cannabinoid receptor activity; drug binding; signal transducer activity
