Cannabinoid Receptor 1 Antibody

Catalog No: #35345

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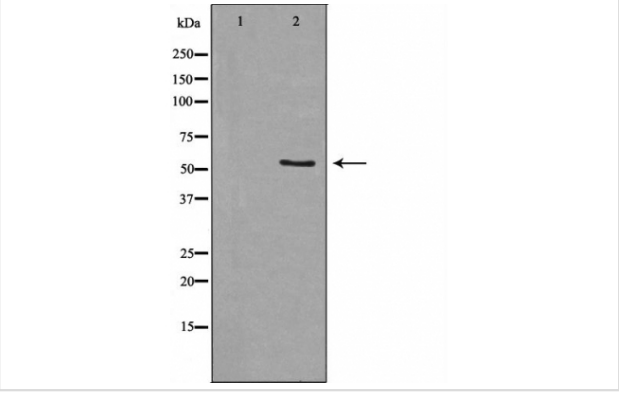
Description

Product Name	Cannabinoid Receptor 1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total Cannabinoid Receptor 1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	A synthesized peptide of human Cannabinoid Receptor 1
Target Name	Cannabinoid Receptor 1
Other Names	CANN6 antibody; CB-R antibody; CB1 antibody; CB1A antibody; CB1K5 antibody; CB1R antibody; CNR antibody; CNR1 antibody; central cannabinoid receptor antibody; cannabinoid receptor 1 antibody; cannabinoid receptor 1 (brain) antibody
Accession No.	Swiss-Prot#:P21554;NCBI Gene#:1268
Uniprot	P21554
GeneID	1268;
SDS-PAGE MW	53kd
Concentration	1mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:1000

Images



Western blot analysis of extracts from COS-7cells and HT-29 cells, using Cannabinoid Receptor 1 antibody.The lane on the left is treated with the antigen-specific peptide.

Background

This gene encodes a protein that is one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the family of guanine-nucleotide-binding protein (G-protein) coupled receptors which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only