

CB2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01259
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CNR2. AA range:191-240
Mol wt	39681
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	CB2 Antibody
Synonyms	CNR2; Cannabinoid receptor 2; CB-2; CB2; hCB2; CX5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by CNR2 and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors.

Recommended Dilution

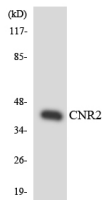
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

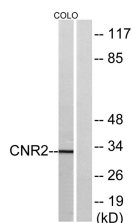
ELISA: 1: 5000

Not yet tested in other applications.

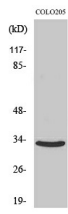
Images



Western blot analysis of the lysates from HT-29 cells using CNR2 antibody.



Western blot analysis of lysates from COLO205 cells, using CNR2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CB2 Polyclonal Antibody

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com