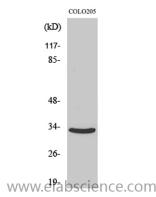


## CNR2 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-30780	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IF,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western Blot analysis of COLO205 cells with CNR2 Polyclonal Antibody

### Immunogen Information

<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human CB2
<b>Swissprot</b>	P34972
<b>Synonyms</b>	CNR2,Cannabinoid receptor 2,CB-2,CB2,hCB2,CX5

### Product Information

<b>Calculated MW</b>	40kDa
<b>Observed MW</b>	33kDa
<b>Buffer</b>	PBS with 0.02% sodium azide,0.5% BSA and 50% glycerol pH 7.4.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IF 1:200-1:1000, ELISA 1:5000

### Background

The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene 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. CNR2 (Cannabinoid Receptor 2) is a Protein Coding gene. Diseases associated with CNR2 include Cannabis Abuse and Glycerol Kinase Deficiency. Among its related pathways are Peptide ligand-binding receptors and Ibuprofen Pathway, Pharmacodynamics. GO annotations related to this gene include G-protein coupled receptor activity and cannabinoid receptor activity. An important paralog of this gene is CNR1.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.