ARG63886
anti-Cannabinoid Receptor 2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Cannabinoid Receptor 2
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Cannabinoid Receptor 2
Species	Human
Immunogen	C-TETEADGKITPWPD
Conjugation	Un-conjugated
Alternate Names	CB2; CB-2; Cannabinoid receptor 2; CX5; hCB2

Application Instructions

Application table

Application	Dilution
WB	1.5 - 4.5 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

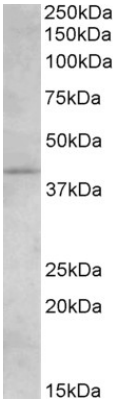
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 1269 Human Swiss-port # P34972 Human
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. [provided by RefSeq, Jul 2008]
Research Area	Neuroscience antibody
Calculated Mw	40 kDa
PTM	Constitutively phosphorylated on Ser-352; phosphorylation increases cell internalization and desensitizes the receptor.

Images



ARG63886 anti-Cannabinoid Receptor 2 antibody WB image

Western Blot: Human Brain (Hippocampus) lysate (35 µg protein in RIPA buffer) stained with ARG63886 anti-Cannabinoid Receptor 2 antibody at 1.5 µg/ml dilution.