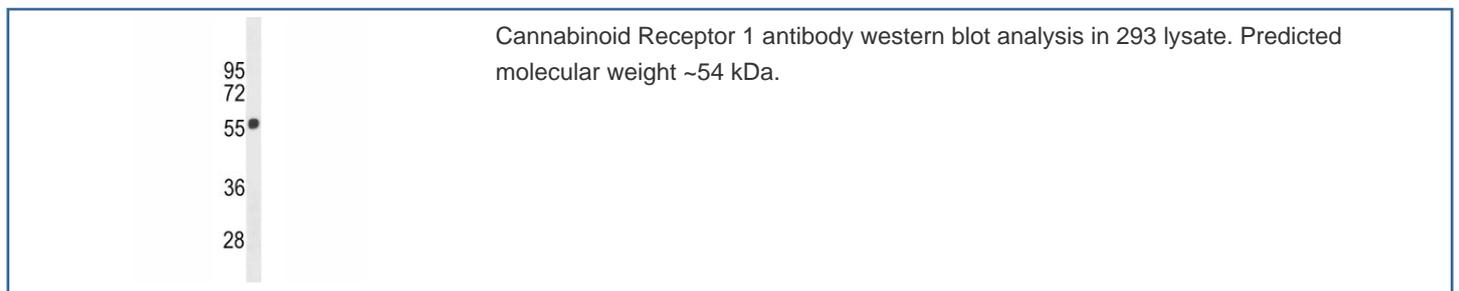


## Cannabinoid Receptor 1 Antibody (F47457)

Catalog No.	Formulation	Size
F47457-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47457-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P21554
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This Cannabinoid Receptor 1 antibody is available for research use only.



### Description

This gene encodes 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 guanine-nucleotide-binding protein (G-protein) coupled receptor family, 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. Multiple transcript variants encoding two different protein isoforms have been described for this gene. [provided by RefSeq].

## **Application Notes**

Titration of the Cannabinoid Receptor 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 161-187 from the human protein was used as the immunogen for this Cannabinoid Receptor 1 antibody.

## **Storage**

Aliquot the Cannabinoid Receptor 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.