

## CNR1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 53kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human CNR1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CANN6; CB-R; CB1; CB1A; CB1K5; CB1R; CNR

**Catalog #:** A1447

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1268

**Isotype:** IgG

**Swiss Prot:** P21554

**Purity:** Affinity purification

For research use only.

**Background:**

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, May 2009]

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