

Anti-Phospho-Cannabinoid Receptor I (Ser316) Rabbit Monoclonal Antibody

Introduction

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.

Product parameters

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|-------------------|---|
| Alternative Names | CNR1; CNR; Cannabinoid receptor 1; CB-R; CB1; CANN6 |
| Gene ID | 1268 |
| Gene Name | CNR1 |
| SwissProt ID | P21554 |
| Host | Rabbit |
| Reactivity | Human |
| Molecular Weight | Calculated MW: 53 kDa; Observed MW: 53 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Phosphorylated |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-6A1B4 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Not Free |
| Immunogen | A synthetic phosphopeptide corresponding to residues surrounding Ser316 of human Cannabinoid Receptor I |
| Purification | Affinity Purified |
| Buffer System | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. |

| | |
|--------------------|----------------------------------|
| Application | WB |
| Dilution Ratio | WB: 1/500-1/1000 |
| Research Field | Neuroscience |
| Product Categories | Primary antibody |
| Shipping | Blue ice |
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.





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