Product Name: Phospho-Cannabinoid Receptor I (Ser316) Rabbit Monoclonal Antibody
Catalog #: AMRe01754

Summary

Production Name	Phospho-Cannabinoid Receptor I (Ser316) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	CNR1
Alternative Names	CNR1; CNR; Cannabinoid receptor 1; CB-R; CB1; CANN6
Gene ID	1268
SwissProt ID	P21554.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 53 kDa; Observed MW: 53 kDa

Background

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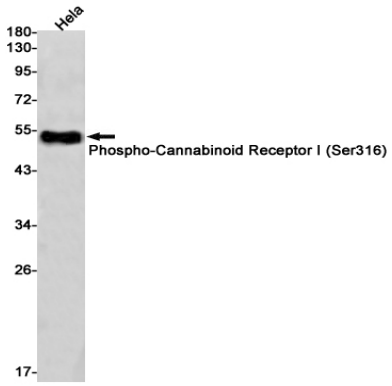
This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit 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.

Research Area

Neuroscience

Image Data



Western blot analysis of Phospho-Cannabinoid Receptor I (Ser316) in Hela lysates using Phospho-Cannabinoid Receptor I (Ser316) antibody.

Note

For research use only.