

Rabbit anti-Human Cannabinoid Receptor I Polyclonal Antibody | anti-CNR1 antibody

Anti-Human Cannabinoid Receptor I DyLight 550 conjugated Antibody

CATALOG # AAA124922	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

Cannabinoid Receptor I; Polyclonal Antibody; Anti-Human Cannabinoid Receptor I DyLight 550 conjugated Antibody; Rabbit IgG Polyclonal Anti-Human Cannabinoid Receptor I Antibody DyLight 550 Conjugated; Flow Validated; Cannabinoid receptor 1; CB-R; CB1; CANN6; CNR1; CNR; anti-CNR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Liquid
Sequence Length	411
Applicable Applications for anti-CNR1 antibody	FCM/FACS (Flow Cytometry)
Immunogen	E Coli-derived human Cannabinoid Receptor I recombinant protein (Position: M1-Q75).
Preparation and Storage	Store at 2-8 degree C for one year. Protect from light. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-CNR1 antibody	The cannabinoid receptor type 1, often abbreviated as CB1, is a G protein-coupled cannabinoid receptor located primarily in the central and peripheral nervous system. 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.
References	1. "Entrez Gene: CNR1 cannabinoid receptor 1 (brain)". 2. Russo, P., Strazzullo, P., Cappuccio, F. P., Tregouet, D. A., Lauria, F., Loguercio, M., Barba, G., Versiero, M., Siani, A. Genetic variations at the endocannabinoid type 1 receptor gene (CNR1) are associated with obesity phenotypes in men. J. Clin. Endocr. Metab. 92: 2382-2386, 2007.

NCBI AND UNIPROT INFORMATION

NCBI GI #	237681067
NCBI GeneID	1268
NCBI Accession #	NP_001153698.1

NCBI GenBank Nucleotide #	NM_001160226.2
UniProt Accession #	P21554; Q13949; Q495Z0; Q4PLI4; Q4VBM6; Q5JVL5; Q5UB37; Q9UNN0; B2R9T4; E1P512
Molecular Weight	45,874 Da
NCBI Official Full Name	cannabinoid receptor 1 isoform a
NCBI Official Synonym Full Names	cannabinoid receptor 1
NCBI Official Symbol	CNR1
NCBI Official Synonym Symbols	CB1; CNR; CB-R; CB1A; CB1R; CANN6; CB1K5
NCBI Protein Information	cannabinoid receptor 1
UniProt Protein Name	Cannabinoid receptor 1
UniProt Gene Name	CNR1
UniProt Synonym Gene Names	CNR; CB-R; CB1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cannabinoid-receptor-i-antibody-flow-cytometry-elisa/124922>