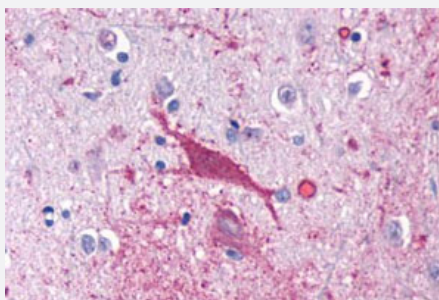


CNR1 polyclonal antibody

Catalog # PAB26122 Size 50 ug

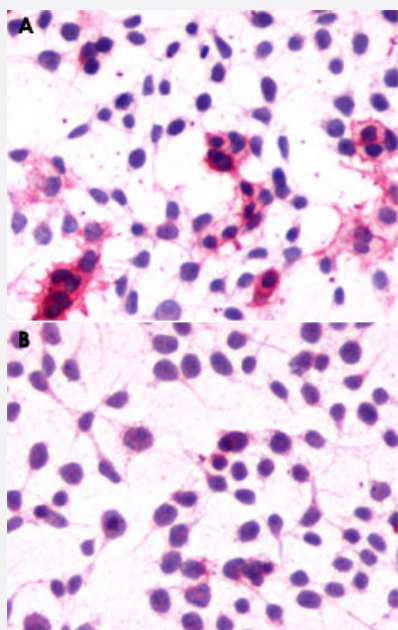
Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human brain, neuron with CNR1 polyclonal antibody (Cat # PAB26122).

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunocytochemistry

Immunocytochemical staining of HEK293 human embryonic kidney cells transfected (A) and untransfected (B) with CNR1. Primary antibody using CNR1 polyclonal antibody (Cat # PAB26122).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CNR1.
Immunogen	A synthetic peptide corresponding to 16 amino acids at C-terminus of human CNR1.
Host	Rabbit

Reactivity	Bovine, Dog, Horse, Human, Monkey, Mouse, Pig, Rat
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-8 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Immunocytochemistry

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Primary antibody using CNR1 polyclonal antibody (Cat # PAB26122).

Gene Info — CNR1

Entrez GeneID	1268
Protein Accession#	P21554
Gene Name	CNR1
Gene Alias	CANN6, CB-R, CB1, CB1A, CB1K5, CB1R, CNR
Gene Description	cannabinoid receptor 1 (brain)
Omim ID	114610
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

OTTHUMP00000016838|OTTHUMP00000016839|OTTHUMP00000016840|central cannabinoid receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Affective Disorders](#)
- [Alcohol Withdrawal Delirium](#)
- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Arousal](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Carcinoma](#)

- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Cues](#)
- [Delirium](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Dyslipidemias](#)
- [Eating Disorders](#)
- [Edema](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Heroin Dependence](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Liver Cirrhosis](#)
- [Low Back Pain](#)
- [Marijuana Abuse](#)
- [Mental Disorders](#)

- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mood Disorders](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Neovascularization](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Pain](#)
- [Paranoid Disorders](#)
- [Parkinson disease](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Sciatica](#)
- [Seizures](#)
- [Social Perception](#)
- [Stress Disorders](#)
- [Substance Withdrawal Syndrome](#)
- [Substance-Related Disorders](#)

- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Weight Gain](#)
- [Weight Loss](#)