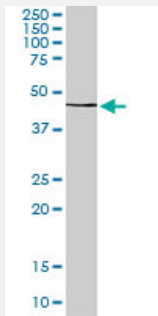


CNR2 polyclonal antibody

Catalog # PAB6877

Size 100 ug

Applications



Western Blot (Cell lysate)

CNR2 polyclonal antibody (Cat # PAB6877) (2 ug/mL) staining of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of CNR2.

Immunogen A synthetic peptide corresponding to human CNR2.

Sequence C-TETEADGKITPYPD

Host Goat

Theoretical MW (kDa) 46.2

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:16000)
 Western Blot (2-3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°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

- Western Blot (Cell lysate)

CNR2 polyclonal antibody (Cat # PAB6877) (2 ug/mL) staining of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CNR2

Entrez GeneID	1269
Protein Accession#	NP_001832.1
Gene Name	CNR2
Gene Alias	CB2, CX5
Gene Description	cannabinoid receptor 2 (macrophage)
Omim ID	605051
Gene Ontology	Hyperlink
Gene Summary	The cannabinoid delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors. [provided by RefSeq]
Other Designations	OTTHUMP00000015772 OTTHUMP00000044841

Publication Reference

- [Identification and functional characterization of brainstem cannabinoid CB2 receptors.](#)

Van Sickle MD, Duncan M, Kingsley PJ, Mouihate A, Urbani P, Mackie K, Stella N, Makriyannis A, Piomelli D, Davison JS, Marnett LJ, Di Marzo V, Pittman QJ, Patel KD, Sharkey KA.

Science 2005 Oct; 310(5746):329.

Application: IF, WB-Ti, Rat, Rat brains

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Liver Cirrhosis](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Obesity](#)

- [Osteoporosis](#)
- [Schizophrenia](#)
- [Startle Reaction](#)
- [Substance-Related Disorders](#)