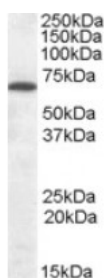




Cannabinoid Receptor 1 Antibody

CATALOG NUMBER: 45-355



Western Blot (0.1ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 65kDa band observed in Rat Brain lysates (calculated MW of 52.7kDa according to Rat NP_036916.1 and 52.9kDa according to Human NP_057167.2). The observed molecular weight corresponds to earlier findings in literature with different a
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
SPECIFICITY:	This antibody is expected to recognise both reported isoforms. Isoform a (NP_057167.2; NP_001153732.1; NP_001153731.1; NP_001153730.1; NP_001153698.1) and isoform b (NP_149421.1).
IMMUNOGEN:	Cannabinoid Receptor 1 antibody was raised against a 15 amino acid synthetic peptide near the internal region of Cannabinoid Receptor 1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Cannabinoid Receptor 1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Cannabinoid Receptor 1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CNR1, cannabinoid receptor 1 (brain), HGNC:2159, CANN6, CB-R, CB1, CB1A, CB1K5, CNR, central cannabinoid receptor
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ACCESSION NO.: NP_057167.2, NP_149421.1

PROTEIN GI NO.: 38683844

OFFICIAL SYMBOL: CNR1

GENE ID: 1268

Background

REFERENCES: 1) Ledent C, Valverde O, Cossu G, Petitot F, Aubert JF, Beslot F, Bohme GA, Imperato A, Pedrazzini T, Roques BP, Vassart G, Fratta W, Parmentier M Unresponsiveness to cannabinoids and reduced addictive effects of opiates in CB1 receptor knockout mice. Science. 1999 Jan 15;283(5400):401-4.

FOR RESEARCH USE ONLY

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