

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire **OX25 5HD** UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

usasales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB06946 - Goat Anti-Cannabinoid Receptor 2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: cannabinoid receptor 2 (macrophage), HGNC:2160, CNR3, CB2, CX5, OTTHUMP00000044841, CNR2, RP11-4M23.1, testis-dominant CNR2 isoform CB2

Official Symbol: CNR2

Accession Number(s): NP_001832.1

Human GeneID(s): 1269

Immunogen

Peptide with sequence C-TETEADGKITPWPD, from the C Terminus of the protein sequence according to NP_001832.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 40kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 46.2kDa according to NP_001832.1). This molecular weight is routinely observed by other sources. Primary incubation was 1 hour. Recommended concentration: 1.5-4.5µg/ml. This antibody has been successfully used in WB on Human: Fügedi G et al.

(2014) PMID: 25444073.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody has been successfully used in Western blot on Human:

Fügedi G, Molnár M, Rigó J Jr, Schönléber J, Kovalszky I, Molvarec A. Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study.

BMC Pregnancy Childbirth. 2014 Dec 2;14:395

PMID: 25444073

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB06946 (1.5 μ g/ml) staining of Human Brain (Hippocampus) lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.