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**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-TETEADGKITPYPD, 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. 40-45kDa doublet band observed in Human Hippocampus lysates, approx. 48kDa in Human Cerebellum lysates, and approx. 50kDa in Human Duodenum lysates (calculated MW of 46.2kDa according to NP_001832.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 4µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

Specific Reference

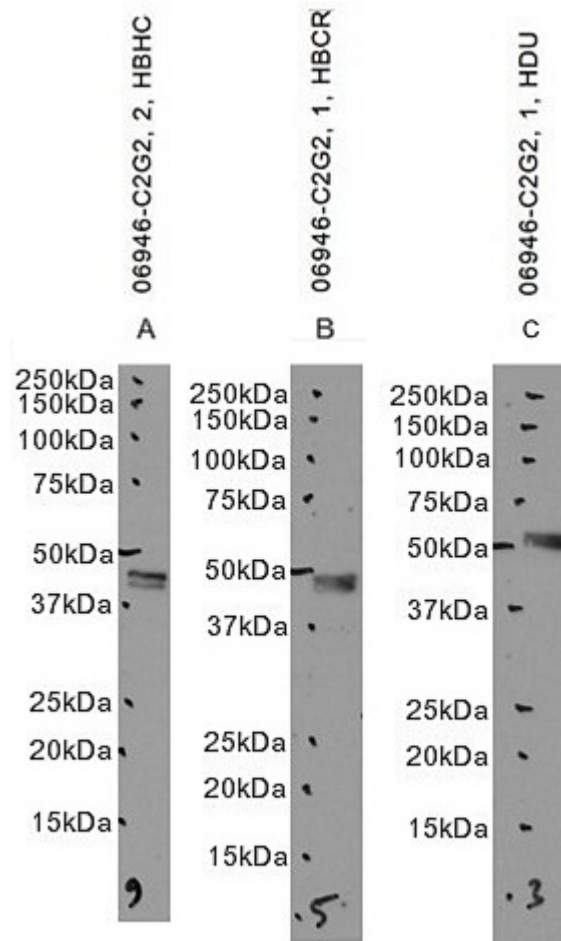
This antibody (previous batch) has been successfully used in Western blot on Human:

Fügedi G, Molnár M, Rigó J Jr, Schönleber J, Kovalszky I, Molvarec A.

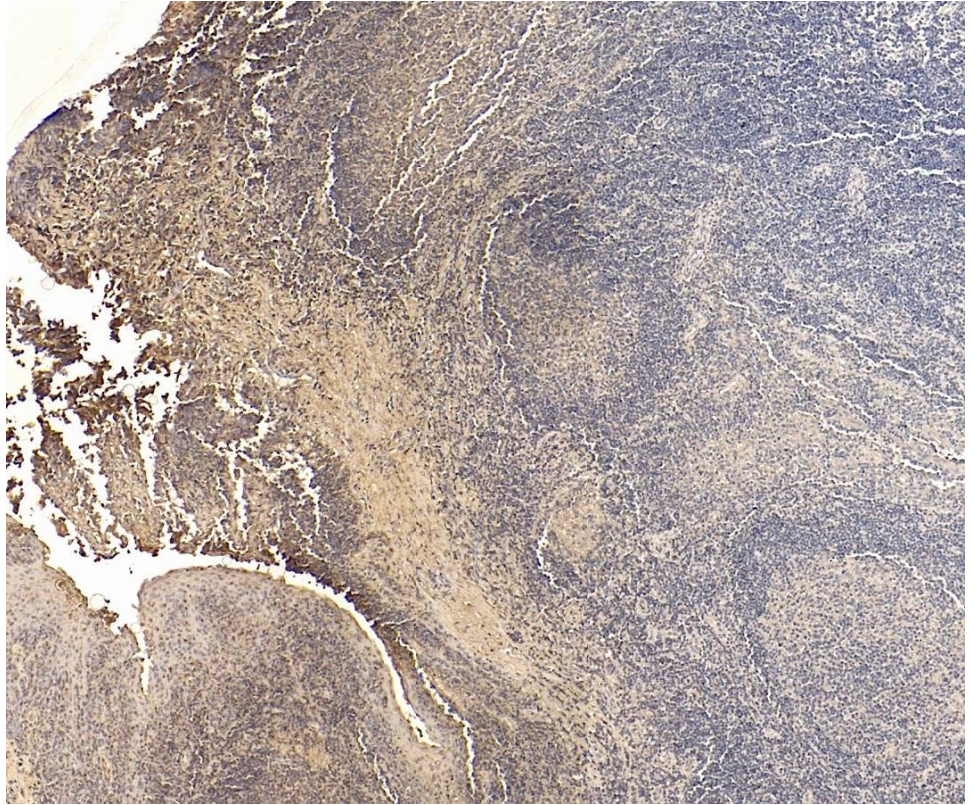
Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study.

BMC Pregnancy Childbirth. 2014 Dec 2;14:395

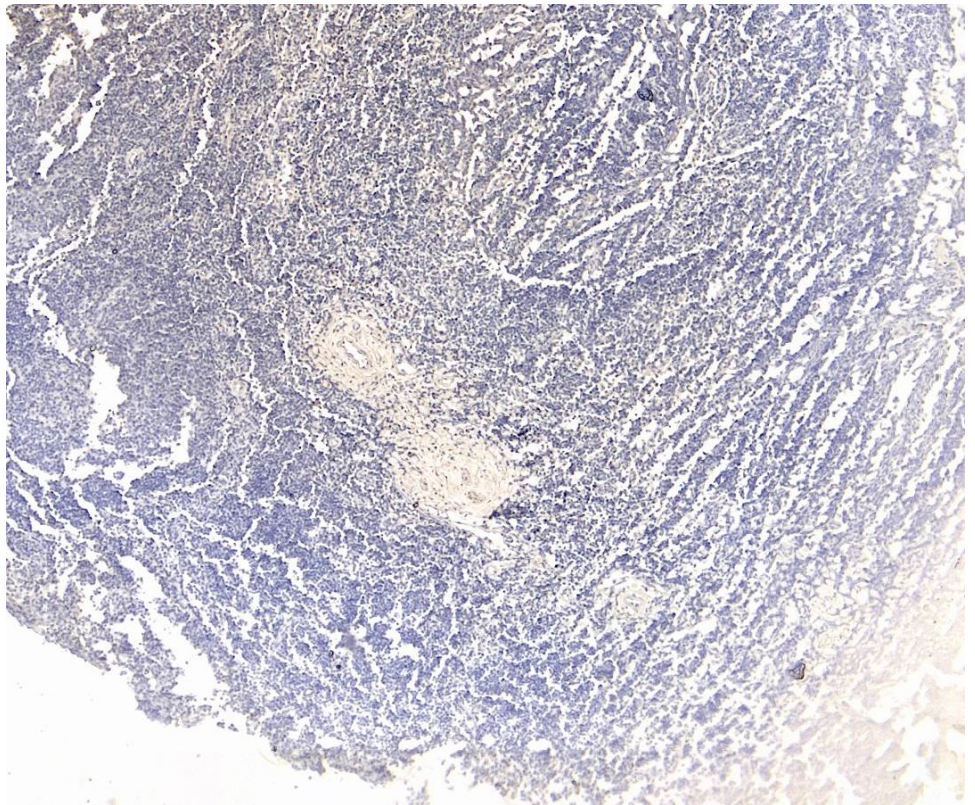
PMID: 25444073



EB06946 optimised QC. Primary incubation 1 hour at room temperature.
 Image A: Human Hippocampus lysate at primary Ab concentration 2ug/ml. Images B, C: Human Cerebellum and Duodenum lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB06946 (4µg/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB06946 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.