

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10961 - Goat Anti-CB1 (isoform a) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CNR1, cannabinoid receptor 1 (brain), CANN6, CB-R, CB1, CB1A, CB1K5, CB1R, CNR, cannabinoid receptor 1, central cannabinoid receptor

**Official Symbol:** CNR1

**Accession Number(s):** NP\_057167.2

**Human GeneID(s):** [1268](#)

**Non-Human GeneID(s):** 12801 (mouse), 25248 (rat)

**Important Comments:** This antibody is expected to recognize reported isoform a (NP\_057167.2) only. Reported variants represent identical protein: NP\_001153731.1, NP\_001153732.1, NP\_057167.2, NP\_001153730.1, NP\_001153698.1

### Immunogen

Peptide with sequence SNDIQYEDIKGDMS-C, from the N Terminus of the protein sequence according to NP\_057167.2.

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

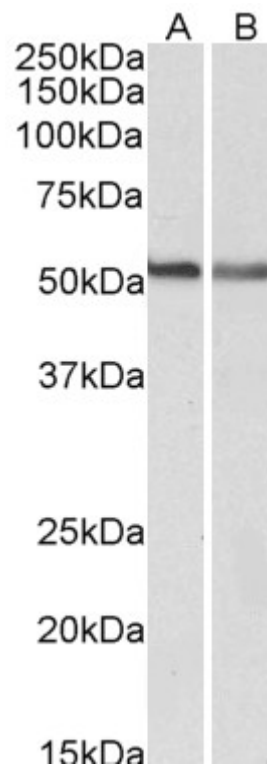
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 52kDa band observed in lysates of cell lines A549 and NIH3T3 (calculated MW of 52.9kDa according to Human NP\_057167.2 and 52.8kDa according to Mouse NP\_031752.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB10961 (0.3 $\mu$ g/ml) staining of A549 (A) and NIH3T3 (B) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.