

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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06532 - Goat Anti-CREM Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** cAMP response element modulator; hCREM 2alpha-b protein, OTTHUMP00000019443, OTTHUMP00000019442, inducible cAMP early repressor ICER, hCREM 2beta-a protein, hCREM 2alpha-b protein, cAMP responsive element modulator, hCREM-2, MGC111110, MGC41893, MGC17881, ICER, CREM

**Official Symbol:** CREM

**Accession Number(s):** NP\_853549.1; NP\_874387.1; NP\_874388.1; NP\_874393.1; NP\_874394.1; NP\_877570.1; NP\_877571.1; NP\_877572.1; NP\_877573.1; NP\_878270.1; NP\_898883.1

**Human GeneID(s):** [1390](#)

**Important Comments:** This antibody is expected to recognise the following protein isoforms of human CREM protein: a (NP\_853549.1); e (NP\_874387.1); f (NP\_874388.1); k (NP\_874393.1); l (NP\_874394.1); m (NP\_877570.1); n (NP\_877571.1); o (NP\_877572.1); p (NP\_877573.1); q (NP\_878270.1); v (NP\_898883.1). This antibody is not expected to cross-react with CREB protein.

### Immunogen

Peptide with sequence LETLKDICSPKTDY, from the C Terminus of the protein sequence according to NP\_853549.1; NP\_874387.1; NP\_874388.1; NP\_874393.1; NP\_874394.1; NP\_877570.1; NP\_877571.1; NP\_877572.1; NP\_877573.1; NP\_878270.1; NP\_898883.1.

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 1:16000.

**Western blot:** Approx 35kDa band observed in Human Heart lysates (calculated MW of 32.5kDa according to NP\_853549.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06532 staining (1 $\mu$ g/ml) of human heart lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.