

## International Office

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

## EB06532 - Goat Anti-CREM Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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.

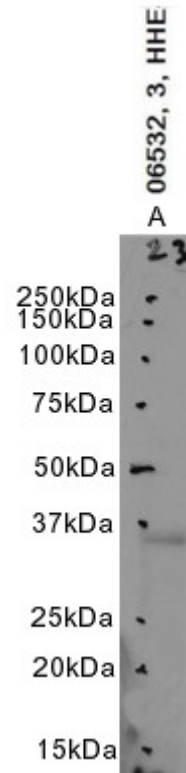
**Western blot:** Approx. 35-37kDa band observed in Human Heart lysates, and in preliminary testing of Human Kidney lysate (calculated MW of 32.5kDa according to Human NP\_853549.1). Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room temperature.

A customer reported a band at approx. 35-37kDa in Rat Heart lysates after 3ug/ml primary ab concentration (calculated MW of 38.5kDa according to NP\_001258030.1). Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB06532 optimised QC. Primary incubation 1 hour at room temperature.  
Image A,: Human Heart lysate at primary Ab concentration 3µg/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.