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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.

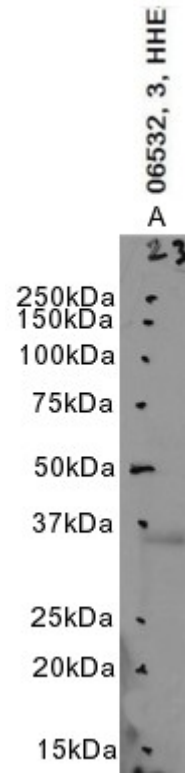
Western blot: Approx. 35-37kDa band observed in Human Heart lysates, and in preliminary testing of Human Kidney lysate (calculated MW of 32.5kDa according to Human NP_853549.1). Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room temperature.

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.