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