

## Goat anti-CREM Antibody

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| <b>Item Number</b>     | dAP-0541  |
| <b>Target Molecule</b> | Principle Name: CREM; Official Symbol: CREM; All Names and Symbols: 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 2alph; Accession Number (s): NP_853549.1; NP_874387.1; NP_874388.1; NP_874393.1; NP_874394.1; NP_877570.1; NP_877571.1; |
| <b>Immunogen</b>       | LETLKDICSPKTDY, is from C Terminus<br>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);  |
| <b>Applications</b>    | Pep ELISA, WB<br><br>Species Tested: Human  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 16000.  |
| <b>Western Blot</b>    | 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.   |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Tenbrock K, Juang YT, Tolnay M, Tsokos GC. The cyclic adenosine 5'-monophosphate response element modulator suppresses IL-2 production in stimulated T cells by a chromatin-dependent mechanism. J Immunol. 2003 Mar 15;170(6):2971-6..PMID: 12626549->   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**