

Goat anti-CREM Antibody

Item Number	dAP-0541
Target Molecule	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; OTTHUMP0000019442; OTTHUMP0000019443; 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;
Immunogen	LETLKDICSPKTDY, is from C Terminus 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);
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	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.
IHC	
Reference	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. <i>J Immunol.</i> 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 end users! This product is sold for **Research Use Only**