

Rabbit CREM Polyclonal Antibody | anti-CREM antibody

CREM Antibody (C-term)

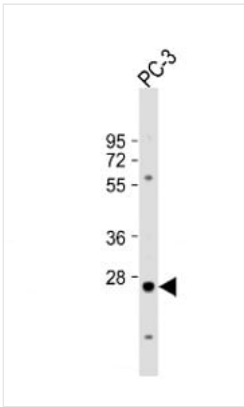
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289766	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CREM; Polyclonal Antibody; CREM Antibody (C-term); cAMP-responsive element modulator; Inducible cAMP early repressor; ICER; anti-CREM antibody

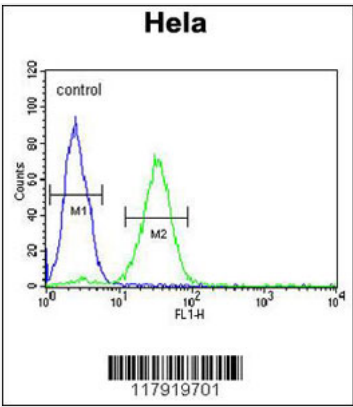
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CREM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 287-314 amino acids from the C-terminal region of human CREM.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	287-314
Sequence Length	179
Applicable Applications for anti-CREM antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Function	Transcriptional regulator that binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. Isoforms are either transcriptional activators or repressors. Plays a role in spermatogenesis and is involved in spermatid maturation (PubMed:
Cellular Location	Nucleus.
Tissue Location	Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



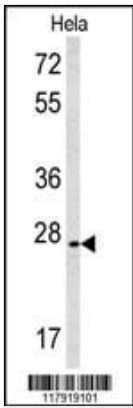
Application Data

Anti-CREM Antibody (C-term) at 1:1000 dilution + PC-3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



FCM/FACS (Flow Cytometry)

CREM Antibody (C-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of CREM Antibody (C-term) in Hela cell line lysates (35µg/lane). CREM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CREM antibody	CREM is a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transduction during the spermatogenetic cycle, as well as other complex processes.
Product Categories/Family for anti-CREM antibody	Signal Transduction
References	Fujimoto,T., et.al., J. Biochem. 115 (2), 298-303 (1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	389616125
NCBI GeneID	1390
NCBI Accession #	NP_001254491.1; NP_001254493.1; NP_001254496.1; NP_001254499.1; NP_001872.3; NP_853549.1; NP_874386.1; NP_874387.1; NP_874388.1; NP_874389.1; NP_874390.1; NP_874392.1; NP_874393.1; NP_877570.1; NP_877571.1; NP_87757
NCBI GenBank Nucleotide #	NM_001267562.1
UniProt Accession #	Q03060; O75519; Q14501; A8K014; A8K3J7; A8K6A1; A8MPQ2; B4DXC1; C9J785; C9JZ10; E9PAR4; E9PHM1
NCBI Official Full Name	cAMP-responsive element modulator isoform 23

NCBI Official Synonym Full Names	cAMP responsive element modulator
NCBI Official Symbol	CREM
NCBI Official Synonym Symbols	ICER; CREM-2; hCREM-2
NCBI Protein Information	cAMP-responsive element modulator
UniProt Protein Name	cAMP-responsive element modulator
UniProt Gene Name	CREM
UniProt Synonym Gene Names	ICER
UniProt Entry Name	CREM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crem-antibody-western-blot-flow-cytometry-elisa/289766>