

Rabbit CREM Polyclonal Antibody | anti-CREM antibody

CREM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323939	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CREM; Polyclonal Antibody; CREM Antibody; cAMP response element modulator; cAMP responsive element modulator; cAMP-responsive element modulator; CREM-2; CREM_HUMAN; hCREM 2; hCREM-2; hCREM2; ICER; Inducible cAMP early repressor; Inducible cAMP early repressor ICER; MGC111110; MGC17881; MGC41893; anti-CREM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CREM antibody detects endogenous levels of total CREM
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	179
Applicable Applications for anti-CREM antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit, Dog
Similarity	Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323939 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using CREM antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CREM antibody	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:10373550). Subunit Structure: Binds DNA as a dimer. Interacts with FHL5 (By similarity). Interacts with CDC34. Post-translational Modifications: Isoform 9 is ubiquitinated by CDC34 and RAD6B in order to be degraded by the proteasome. Stimulated by phosphorylation. Similarity: Belongs to the bZIP family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	389616125
NCBI GeneID	1390
NCBI Accession #	NP_001254491.1
NCBI GenBank Nucleotide #	NM_001267562.1
UniProt Accession #	Q03060; O75519; Q14501; A8K014; A8K3J7; A8K6A1; A8MPQ2; B4DXC1; C9J785; C9JZ10; E9PAR4; E9PHM1
Molecular Weight	Observed: 34 kD Predicted: 39 kDa
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

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-immunocytochemistry-immunofluorescence-western-blot-elisa/323939>