

# CREM rabbit monoclonal antibody

Catalog # H00001390-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CREM peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CREM is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human CREM peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CREM

Entrez GeneID	<a href="#">1390</a>
GeneBank Accession#	<a href="#">CREM</a>
Gene Name	CREM
Gene Alias	ICER, MGC111110, MGC17881, MGC41893, hCREM-2
Gene Description	cAMP responsive element modulator
Omim ID	<a href="#">123812</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes 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 spermatogenic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene, with some of them functioning as activators and some as repressors of transcription. [provided by RefSeq]
Other Designations	OTTHUMP00000019442 OTTHUMP00000019443 OTTHUMP00000019444 OTTHUMP00000019446 OTTHUMP00000019448 cAMP response element modulator hCREM 2alpha-b protein hCREM 2beta-a protein inducible cAMP early repressor ICER

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