



Mouse anti-Human CREM monoclonal antibody, clone 4C6 (CABT-B10032)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CREM (NP_853549, 201 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4C6
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Sequence Similarities	ATGDMPTYQIRAPTAALPQGVVMAASPGSLHSPQQLAEEATRKRELRLMKNREAAKECRR RKKEYVKCLESRVALEVQNKLIKIEETLKDICSPKTDY*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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transduction during the spermatogenetic 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, Jul 2008]

Keywords	CREM; cAMP responsive element modulator; ICER; CREM-2; hCREM-2; cAMP-responsive element modulator; CREM 2beta-a protein; CREM 2alpha-b protein; cAMP response element modulator; inducible cAMP early repressor ICER;
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GENE INFORMATION

Entrez Gene ID	1390
UniProt ID	Q96AG7
Function	DNA binding; DNA binding; cAMP response element binding protein binding; protein binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
