

Product datasheet for **TA302456**

CREM Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 1-3µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence LETLKDICSPKTDY, from the C Terminus of the protein sequence according to NP_853549.1; NP_874387.1; NP_874388.1; NP_874393.1; NP_874394.1; NP_877570.1; NP_877571.1; NP_877572.1; NP_877573.1; NP_878270.1; NP_898883.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17108 Da
Gene Name:	cAMP responsive element modulator
Database Link:	NP_874388 Entrez Gene 12916 Mouse Entrez Gene 25620 Rat Entrez Gene 1390 Human Q03060



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Background:

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 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]

Synonyms:

CREM-2; hCREM-2; ICER

Protein Families:

Druggable Genome, Transcription Factors

Product images:

TA302456 staining (1 ug/ml) of human heart lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.