

CREM Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9122b**Specification**

CREM Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q03060](#)**CREM Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 1390**Other Names**

cAMP-responsive element modulator, Inducible cAMP early repressor, ICER, CREM

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9122b](/products/AP9122b) was selected from the C-term region of human CREM. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CREM Antibody (C-term) Blocking Peptide - Protein Information**Name** CREM ([HGNC:2352](#))**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:<http://www.uniprot.org/citations/10373550> target="_blank">10373550).

Cellular Location

Nucleus.

Tissue Location

Expressed in testes (round spermatids) (at protein level). Isoform 14 is the major activator form in testes

CREM Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CREM Antibody (C-term) Blocking Peptide - Images

CREM Antibody (C-term) Blocking Peptide - Background

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.

CREM Antibody (C-term) Blocking Peptide - References

Fujimoto, T., et.al., J. Biochem. 115 (2), 298-303 (1994)