

CREB5 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14245a**Specification**

CREB5 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q02930
Other Accession	NP_001011666.1 , NP_004895.2 , NP_878901.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56918
Antigen Region	1-30

CREB5 Antibody (N-term) - Additional Information**Gene ID** 9586**Other Names**

Cyclic AMP-responsive element-binding protein 5, CREB-5, cAMP-responsive element-binding protein 5, CRE-BPa, CREB5, CREBPA

Target/Specificity

This CREB5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CREB5.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CREB5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CREB5 Antibody (N-term) - Protein Information**Name** CREB5

Synonyms CREBPA

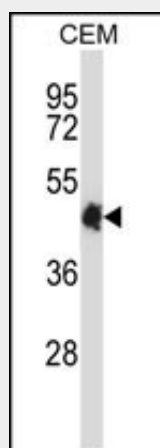
Function Binds to the cAMP response element and activates transcription.

Cellular Location
Nucleus.

CREB5 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CREB5 Antibody (N-term) - Images

CREB5 Antibody (N-term) (Cat. #AP14245a) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the CREB5 antibody detected the CREB5 protein (arrow).

CREB5 Antibody (N-term) - Background

The product of this gene belongs to the CRE (cAMP response element)-binding protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent trans-activator. Alternatively spliced transcript variants encoding different isoforms have been identified.

CREB5 Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Xu, J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(5):2136-2140(2010)
Trynka, G., et al. Gut 58(8):1078-1083(2009)

Lesch, K.P., et al. J Neural Transm 115(11):1573-1585(2008)

Uhl, G.R., et al. Arch. Gen. Psychiatry 65(6):683-693(2008)

CREB5 Antibody (N-term) - Citations

- [RGS1 and CREB5 are direct and common transcriptional targets of ZNF384-fusion proteins.](#)