

CREB3L4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16716b**Specification**

CREB3L4 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8TEY5](#)**CREB3L4 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 148327**Other Names**

Cyclic AMP-responsive element-binding protein 3-like protein 4, cAMP-responsive element-binding protein 3-like protein 4, Androgen-induced basic leucine zipper protein, AIBZIP, Attaching to CRE-like 1, ATCE1, Cyclic AMP-responsive element-binding protein 4, CREB-4, cAMP-responsive element-binding protein 4, Transcript induced in spermiogenesis protein 40, Tisp40, hJAL, Processed cyclic AMP-responsive element-binding protein 3-like protein 4, CREB3L4, AIBZIP, CREB4, JAL

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.

CREB3L4 Antibody (C-term) Blocking Peptide - Protein Information**Name** CREB3L4**Synonyms** AIBZIP, CREB4, JAL**Function**

Transcriptional activator that may play a role in the unfolded protein response. Binds to the UPR element (UPRE) but not to CRE element. Preferentially binds DNA with to the consensus sequence 5'-T[GT]ACGT[GA][GT]-3' and has transcriptional activation activity from UPRE. Binds to NF-kappa-B site and has transcriptional activation activity from NF-kappa-B-containing regulatory elements (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein. Note=May also be located in Golgi apparatus

Tissue Location

According to PubMed:11830526, exclusively expressed in the prostate. Expressed in breast and prostate cancer cell lines Expressed in prostatic luminal epithelial cells (at protein level) Expression is significantly more abundant in prostate cancer than in benign prostatic tissue (prostatic hyperplasia). According to PubMed:12111373, also expressed in brain, pancreas and skeletal muscle, and at lower levels in small intestine, testis, leukocyte and thymus

CREB3L4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CREB3L4 Antibody (C-term) Blocking Peptide - Images

CREB3L4 Antibody (C-term) Blocking Peptide - Background

cAMP response element-binding (CREB) proteins are a family of mammalian transcription activators. For further background information on CREB proteins, see CREB1 (MIM 123810). [supplied by OMIM].

CREB3L4 Antibody (C-term) Blocking Peptide - References

Ben Aicha, S., et al. *Physiol. Genomics* 31(2):295-305(2007) Stirling, J., et al. *Mol. Biol. Cell* 17(1):413-426(2006) Stelzer, G., et al. *Endocrinology* 143(5):1578-1588(2002) Qi, H., et al. *Cancer Res.* 62(3):721-733(2002) Cao, G., et al. *J. Hum. Genet.* 47(7):373-376(2002)