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CREB3L3 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21763c

Specification

CREB3L3 Blocking Peptide (Center) - Product Information

Primary Accession Q68CJ9

CREB3L3 Blocking Peptide (Center) - Additional Information

Gene ID 84699

Other Names
Cyclic AMP-responsive element-binding protein 3-like protein 3, cAMP-responsive element-binding protein 3-like protein 3, Transcription factor CREB-H, Processed cyclic AMP-responsive element-binding protein 3-like protein 3, CREB3L3, CREBH

Target/Specificity
The synthetic peptide sequence is selected from aa 264-274 of HUMAN CREB3L3

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.

CREB3L3 Blocking Peptide (Center) - Protein Information

Name CREB3L3

Synonyms CREBH

Function
Transcription factor that may act during endoplasmic reticulum stress by activating unfolded protein response target genes. Activated in response to cAMP stimulation. In vitro, binds to the cAMP response element (CRE) and box-B element. Activates transcription through box-B element. Activates transcription through CRE (By similarity). May function synergistically with ATF6. In acute inflammatory response, may activate expression of acute phase response (APR) genes. May be involved in growth suppression. Regulates FGF21 transcription (By similarity). Plays a crucial role in the regulation of triglyceride metabolism and is required for the maintenance of normal plasma triglyceride concentrations (PubMed:21666694).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein

Tissue Location
Exclusively expressed in liver. Underexpressed in hepatocellular carcinoma tissues.

CREB3L3 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

CREB3L3 Blocking Peptide (Center) - Images

CREB3L3 Blocking Peptide (Center) - Background

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CREB3L3 Blocking Peptide (Center) - References

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Yamada S.,et al.Oncogene 23:5901-5911(2004).
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Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.