

Acetyl-CALM1(K116) Blocking Peptide
Synthetic peptide
Catalog # BP3807a**Specification****Acetyl-CALM1(K116) Blocking Peptide - Product Information**

Primary Accession [P62158](#)
Other Accession [NP_001734.1](#)

Acetyl-CALM1(K116) Blocking Peptide - Additional Information**Other Names**

Calmodulin, CaM, CALM1, CALM, CAM, CAM1

Target/Specificity

The synthetic peptide sequence is selected from aa 110-121 of HUMAN CALM1

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.

Acetyl-CALM1(K116) Blocking Peptide - Protein Information**Acetyl-CALM1(K116) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

Acetyl-CALM1(K116) Blocking Peptide - Background

Calmodulin mediates the control of a large number of enzymes and other proteins by Ca(2+). Among the enzymes to be stimulated by the calmodulin-Ca(2+) complex are a number of protein kinases and phosphatases. Together with CEP110 and centrin, is involved in a genetic pathway that regulates the centrosome cycle and progression through cytokinesis.

Acetyl-CALM1(K116) Blocking Peptide - References

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Mototani, H., et al. J. Bone Miner. Metab. 28(5):547-553(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Liu, Y.J., et al. Obesity (Silver Spring) (2010) In press :
Benaim, G., et al. Eur. J. Biochem. 269(15):3619-3631(2002)