

CALM1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8549b

Specification

CALM1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession
Other Accession

[P62158](#)
[NP_008819](#)

CALM1 Antibody (C-term) Blocking Peptide - Additional Information

Other Names

Calmodulin, CaM, CALM1, CALM, CAM, CAM1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP8549b was selected from the C-term region of human CALM1. 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.

CALM1 Antibody (C-term) Blocking Peptide - Protein Information

CALM1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CALM1 Antibody (C-term) Blocking Peptide - Images

CALM1 Antibody (C-term) Blocking Peptide - Background

CALM1 is a member of the EF-hand calcium-binding protein family. 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.

CALM1 Antibody (C-term) Blocking Peptide - References

Zhao,D., et.al., Zhonghua Yi Xue Za Zhi 88 (35), 2452-2456 (2008) Martins-de-Souza,D., et.al., J. Neural Transm. 116 (3), 275-289 (2009)