

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

---

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

Primary Accession [P62158](#)  
Other Accession [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 [<a href=/products/AP8549b>AP8549b</a>](#) 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)