

CAP Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5016c**Specification**

CAP Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q01518](#)

CAP Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10487

Other Names

Adenylyl cyclase-associated protein 1, CAP 1, CAP1, CAP

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.

CAP Antibody (Center) Blocking Peptide - Protein Information

Name CAP1

Synonyms CAP

Function

Directly regulates filament dynamics and has been implicated in a number of complex developmental and morphological processes, including mRNA localization and the establishment of cell polarity.

Cellular Location

Cell membrane; Peripheral membrane protein

CAP Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CAP Antibody (Center) Blocking Peptide - Images

CAP Antibody (Center) Blocking Peptide - Background

CAP is related to the *S. cerevisiae* CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin.

CAP Antibody (Center) Blocking Peptide - References

Yamazaki, K., et al. Lab. Invest. 89(4):425-432(2009)Cauwe, B., et al. Exp. Cell Res. 314(15):2739-2749(2008)Wang, C., et al. J. Cell. Sci. 121 (PT 17), 2913-2920 (2008)