

CAPZA2 Antibody (Center) Blocking PeptideSynthetic peptide
Catalog # BP2895c**Specification****CAPZA2 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P47755](#)**CAPZA2 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 830

Other NamesF-actin-capping protein subunit alpha-2,
CapZ alpha-2, CAPZA2**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2895c](/products/AP2895c) was selected from the Center region of human CAPZA2. 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.

CAPZA2 Antibody (Center) Blocking Peptide - Protein Information

Name CAPZA2

Function**CAPZA2 Antibody (Center) Blocking Peptide - Background**

CAPZA2 is a member of the F-actin capping protein alpha subunit family. It is the alpha subunit of the barbed-end actin binding protein Cap Z. By capping the barbed end of actin filaments, Cap Z regulates the growth of the actin filaments at the barbed end.

CAPZA2 Antibody (Center) Blocking Peptide - References

Denoeud,F., et.al.,Genome Res. 17 (6), 746-759 (2007)Miyagawa,Y., et.al., Mol. Hum. Reprod. 8 (6), 531-539 (2002)

F-actin-capping proteins bind in a Ca²⁺-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments.

CAPZA2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)