

C15orf38 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10842a**Specification**

C15orf38 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q7Z6K5](#)

C15orf38 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 348110

Other Names

Arpin, Arp2/3 inhibition protein, ARPIN, C15orf38

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.

C15orf38 Antibody (N-term) Blocking peptide - Protein Information

Name ARPIN

Synonyms C15orf38

Function

Regulates actin polymerization by inhibiting the actin- nucleating activity of the Arp2/3 complex; the function is competitive with nucleation promoting factors. Participates in an incoherent feedforward loop at the lamellipodium tip where it inhibits the ARP2/2 complex in response to Rac signaling and where Rac also stimulates actin polymerization through the WAVE complex. Involved in steering cell migration by controlling its directional persistence.

Cellular Location

Cell projection, lamellipodium. Note=Colocalized with the WAVE complex at lamelliupodium tip

C15orf38 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C15orf38 Antibody (N-term) Blocking peptide - Images

C15orf38 Antibody (N-term) Blocking peptide - References

Eriksson, N., et al. PLoS Genet. 6 (6), E1000993 (2010) :Lamesch, P., et al. Genomics
89(3):307-315(2007)