

**MOUSE Bcar1 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20421c****Specification**

---

**MOUSE Bcar1 Blocking Peptide (Center) - Product Information**

Primary Accession [Q61140](#)  
Other Accession [Q63767](#)

**MOUSE Bcar1 Blocking Peptide (Center) - Additional Information**

**Gene ID** 12927

**Other Names**

Breast cancer anti-estrogen resistance protein 1, CRK-associated substrate, p130cas, Bcar1, Cas, Crkas

**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.

**MOUSE Bcar1 Blocking Peptide (Center) - Protein Information**

**Name** Bcar1

**Synonyms** Cas, Crkas

**Function**

Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion (By similarity). Implicated in induction of cell migration and cell branching (PubMed:<a href="http://www.uniprot.org/citations/25499443" target="\_blank">25499443</a>). Involved in the BCAR3-mediated inhibition of TGFB signaling (PubMed:<a href="http://www.uniprot.org/citations/25499443" target="\_blank">25499443</a>).

**Cellular Location**

Cell junction, focal adhesion. Cytoplasm Cell projection, axon Note=Unphosphorylated form localizes in the cytoplasm (PubMed:22801373). Localizes to focal adhesion sites following integrin engagement (PubMed:22801373).

**Tissue Location**

Expressed in olfactory sensory neurons (at protein level) (PubMed:20881139). Expressed abundantly in the liver, lung, brain, and at lower levels in the heart (at protein level)

(PubMed:19365570).

### **MOUSE Bcar1 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

### **MOUSE Bcar1 Blocking Peptide (Center) - Images**

### **MOUSE Bcar1 Blocking Peptide (Center) - Background**

Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion. Implicated in induction of cell migration (By similarity). Has been shown to be essential in cardiovascular development during embryogenesis.