

# MOUSE Bcar1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20421c

### **Specification**

# **MOUSE Bcar1 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<u>Q61140</u>
Other Accession	<u>Q63767</u>
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	94285
Antigen Region	322-348

# MOUSE Bcar1 Antibody (Center) - Additional Information

### Gene ID 12927

### **Other Names**

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

#### Target/Specificity

This MOUSE Bcar1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-348 amino acids from the Central region of mouse Bcar1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

MOUSE Bcar1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## **MOUSE Bcar1 Antibody (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:25499443). Involved in the BCAR3-mediated inhibition of TGFB signaling (PubMed:25499443).

### **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**

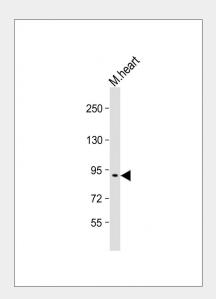
Expressed in olfactory sensory neurons (at protein level) (PubMed:20881139). Expressed abundantly in the liver, lung, brain, and at lower levels in the heart (at protein level) (PubMed:19365570).

# MOUSE Bcar1 Antibody (Center) - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## MOUSE Bcar1 Antibody (Center) - Images



Anti-Mouse Bcar1 Antibody (Center) at 1:1000 dilution + mouse heart lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 94kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## MOUSE Bcar1 Antibody (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.