

# **BCAR1** Antibody

Rabbit mAb Catalog # AP92360

## **Specification**

# **BCAR1 Antibody - Product Information**

Application WB
Primary Accession P56945
Reactivity Rat

Clonality Monoclonal

**Other Names** 

BCAR 1; CAS; CAS1; Cass1; CRKAS; p130cas;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 93372 Da

# **BCAR1 Antibody - Additional Information**

Dilution WB~~1:1000

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

**BCAR1** 

coordinating role for tyrosine kinase-based

signaling related to cell adhesion.

Implicated in induction of cell migration.

Overexpression confers antiestrogen

resistance on breast cancer cells.

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

# **BCAR1 Antibody - Protein Information**

Name BCAR1

Synonyms CAS, CASS1, CRKAS

Storage Condition and Buffer

#### **Function**

Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion (PubMed:<a href="http://www.uniprot.org/citations/12432078" target="\_blank">12432078</a>, PubMed:<a href="http://www.uniprot.org/citations/12832404" target="\_blank">12832404</a>). Implicated in induction of cell migration and cell branching (PubMed:<a href="http://www.uniprot.org/citations/12432078" target="\_blank">12432078</a>, PubMed:<a href="http://www.uniprot.org/citations/12832404" target="\_blank">12832404</a>, PubMed:<a href="http://www.uniprot.org/citations/17038317" target="\_blank">17038317</a>).



Involved in the BCAR3-mediated inhibition of TGFB signaling (By similarity).

### **Cellular Location**

Cell junction, focal adhesion. Cytoplasm Cell projection, axon {ECO:0000250|UniProtKB:Q61140} Note=Unphosphorylated form localizes in the cytoplasm (By similarity) Localizes to focal adhesion sites following integrin engagement (By similarity). {ECO:0000250|UniProtKB:Q61140}

### **Tissue Location**

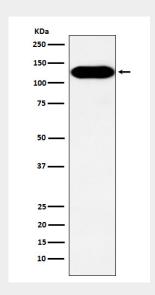
Expressed in B-cells (at protein level) (PubMed:9020138). Widely expressed with an abundant expression in the testis (PubMed:10639512). Low level of expression seen in the liver, thymus, and peripheral blood leukocytes (PubMed:10639512)

# **BCAR1 Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **BCAR1 Antibody - Images**



Western blot analysis of BCAR1 expression in A431 cell lysate.