

# BCAR1 Antibody

Rabbit mAb

Catalog # AP92360

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P56945</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	BCAR 1; CAS; CAS1; Cass1; CRKAS; p130cas;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	93372

## Additional Information

<b>Dilution</b>	WB 1:500~1:2000
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human BCAR1
<b>Description</b>	Docking protein which plays a central 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.
<b>Storage Condition and Buffer</b>	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.

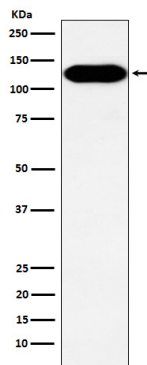
## Protein Information

<b>Name</b>	BCAR1
<b>Synonyms</b>	CAS, CASS1, CRKAS
<b>Function</b>	Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion (PubMed: <a href="#">12432078</a> , PubMed: <a href="#">12832404</a> ). Implicated in induction of cell migration and cell branching (PubMed: <a href="#">12432078</a> , PubMed: <a href="#">12832404</a> , PubMed: <a href="#">17038317</a> ). Involved in the BCAR3-mediated inhibition of TGFB signaling (By similarity).
<b>Cellular Location</b>	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}
<b>Tissue Location</b>	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)

## Images

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Western blot analysis of BCAR1 expression in A431 cell lysate.

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