

KD-Validated Anti-BCAR1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1218

Product Information

Application	WB, FC
Primary Accession	P56945
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 3690
Calculated MW	93372
Gene Name	BCAR1
Aliases	BCAR1; BCAR1 Scaffold Protein, Cas Family Member; CASS1; CAS; Cas Scaffolding Protein Family Member 1; CRKAS; Breast Cancer Anti-Estrogen Resistance Protein 1; BCAR1, Cas Family Scaffolding Protein; BCAR1, Cas Family Scaffold Protein; P130Cas; Breast Cancer Anti-Estrogen Resistance 1; Crk-Associated Substrate P130Cas; Crk-Associated Substrate; CRK-Associated Substrate; P130CAS; P130cas; Crkas; CAS1
Immunogen	A synthesized peptide derived from human BCAR1

Additional Information

Gene ID	9564
Other Names	Breast cancer anti-estrogen resistance protein 1, CRK-associated substrate, Cas scaffolding protein family member 1, p130cas, BCAR1, CAS, CASS1, CRKAS

Protein Information

Name	BCAR1
Synonyms	CAS, CASS1, CRKAS
Function	Docking protein which plays a central coordinating role for tyrosine kinase-based signaling related to cell adhesion (PubMed: 12432078 , PubMed: 12832404). Implicated in induction of cell migration and cell branching (PubMed: 12432078 , PubMed: 12832404 , PubMed: 17038317). 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)

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