

BCAR1 (phospho S639) polyclonal antibody

Catalog # PAB15889

Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of BCAR1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S639 of human BCAR1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — BCAR1

Entrez GeneID [9564](#)

Gene Name BCAR1

Gene Alias	CAS, CAS1, CASS1, CRKAS, P130Cas
Gene Description	breast cancer anti-estrogen resistance 1
Omim ID	602941
Gene Ontology	Hyperlink
Gene Summary	BCAR1, or CAS, is an Src (MIM 190090) family kinase substrate involved in various cellular event s, including migration, survival, transformation, and invasion (Sawada et al., 2006 [PubMed 1712 9785]).[supplied by OMIM]
Other Designations	Cas scaffolding protein family member 1 Crk-associated substrate p130Cas

Publication Reference

- [A quantitative atlas of mitotic phosphorylation.](#)

Dephoure N, Zhou C, Villen J, Beausoleil SA, Bakalarski CE, Elledge SJ, Gygi SP.

PNAS 2008 Jul; 105(31):10762.

- [The consensus coding sequences of human breast and colorectal cancers.](#)

Sjoblom T, Jones S, Wood LD, Parsons DW, Lin J, Barber TD, Mandelker D, Leary RJ, Ptak J, Silliman N, Szabo S, Buckhaults P, Farrell C, Meeh P, Markowitz SD, Willis J, Dawson D, Willson JK, Gazdar AF, Hartigan J, Wu L, Liu C, Parmigiani G, Park BH, Bachman KE, Papadopoulos N, Vogelstein B, Kinzler KW, Velculescu VE.

Science 2006 Sep; 314(5797):268.

Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Genetic Predisposition to Disease](#)