

Bcar1 (phospho Y762) polyclonal antibody

Catalog # PAB7934

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of Bcar1.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y762 of rat Bcar1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This rat sequence is the same as Tyr-664 in human p130 Cas and Tyr-668 in mouse p130 Cas.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) Immunoprecipitation (5-10 ul) Western Blot (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1 mg/mL BSA, 0.05% sodium azide)
Storage Instruction	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
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — Bcar1

Entrez GeneID	25414
Gene Name	Bcar1
Gene Alias	Cas, Crkas, P130CAS
Gene Description	breast cancer anti-estrogen resistance 1
Gene Ontology	Hyperlink
Other Designations	v-crk-associated tyrosine kinase substrate

Publication Reference

- [Subsets of the major tyrosine phosphorylation sites in Crk-associated substrate \(CAS\) are sufficient to promote cell migration.](#)

Shin NY, Dise RS, Schneider-Mergener J, Ritchie MD, Kilkenny DM, Hanks SK.

The Journal of Biological Chemistry 2004 Sep; 279(37):38331.

- [Phosphorylation-dependent cleavage of p130cas in apoptotic rat-1 cells.](#)

Hoon Kim D, Jeon Choi S, Kook S, Kim W, Keun Song W.

Biochemical and Biophysical Research Communications 2003 Jan; 300(1):141.

- [Processive phosphorylation of p130Cas by Src depends on SH3-polyproline interactions.](#)

Pellicena P, Miller WT.

J Biol Chem 2001 Jun; 276(30):28190.