

Anti-BCAR1 Antibody

Catalog Number: A00960-3

About BCAR1

The protein encoded by this gene is a member of the Crk-associated substrate (CAS) family of scaffold proteins, characterized by the presence of multiple protein-protein interaction domains and many serine and tyrosine phosphorylation sites. The encoded protein contains a Src-homology 3 (SH3) domain, a proline-rich domain, a substrate domain which contains 15 repeat of the YxxP consensus phosphorylation motif for Src family kinases, a serine-rich domain, and a bipartite Src-binding domain, which can bind both SH2 and SH3 domains. This adaptor protein functions in multiple cellular pathways, including in cell motility, apoptosis and cell cycle control. Dysregulation of this gene can have a wide range of effects, affecting different pathways, including cardiac development, vascular smooth muscle cells, liver and kidney function, endothelial migration, and cancer.

Overview

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|----------------------|---|
| Product Name | Anti-BCAR1 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-BCAR1 Antibody catalog # A00960-3. Tested in WB, IHC, ICC, IF, IP, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, Flow Cytometry, IP, IF, IHC, ICC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P56945 |

Technical Details

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| Immunogen | E.coli-derived human BCAR1 recombinant protein (Position: H3-R418). |
| Form | Liquid |
| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-400
Immunocytochemistry/Immunofluorescence, 1:50-400
ImmunoPrecipitation, 1:250-300
Flow Cytometry (Fixed), 1:50-200
ELISA, 1:100-1000

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Anti-BCAR1 Antibody

For Research Use Only. Not for use in diagnostic procedures.