BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-BCAS4 Antibody

**Catalog Number:** A13963-1

## About BCAS4

The Breast carcinoma amplified sequence (BCAS4) gene is localized to 20q13, a region that is often amplified in breast cancers. It was isolated by the cloning of a highly overexpressed 1.3 kb transcript from the fusion of the last two exons of the BCAS3 and BCAS4 genes. This BCAS3-BCAS4 fusion transcript is only found in the MCF7 cell line, but the BCAS4 gene is also overexpressed in nine of thirteen breast cancer cell lines. The role of BCAS4 is unknown but its mRNA is highly expressed in thymus, spleen, kidney, brain, and placenta, suggesting BCAS4 plays other roles in multiple tissues.

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## Overview

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|---|---|
| Product Name | Anti-BCAS4 Antibody |
| Reactive Species | Human, Mouse |
| Description | Boster Bio Anti-BCAS4 Antibody (Catalog # A13963-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | BCAS4 Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | BCAS4 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q8TDM0 |

## Technical Details

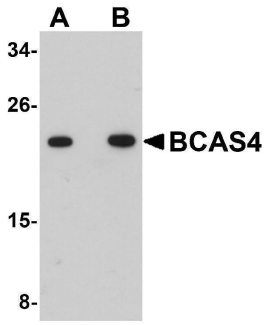
| | |
|---|---|
| Immunogen | BCAS4 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human BCAS4. The immunogen is located within the first 50 amino acids of BCAS4. |
| Predicted Reactive Species | Mouse |
| Isotype | IgG |

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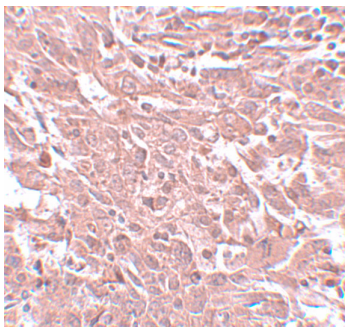
| | |
|---|---|
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | BCAS4 Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | BCAS4 antibody can be used for detection of BCAS4 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.<br>Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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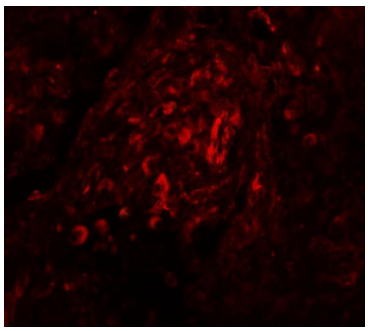
# Anti-BCAS4 Antibody (A13963-1) Images




Western blot analysis of BCAS4 in 3T3 cell lysate with BCAS4 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of BCAS4 in human breast carcinoma with BCAS4 antibody at 5 ug/mL.



Immunofluorescence of BCAS4 in human breast carcinoma tissue with BCAS4 antibody at 20 ug/mL.

Anti-BCAS4 Antibody

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