BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-BCAS3 Antibody

Catalog Number: A07120-1

About BCAS3

The Breast carcinoma amplified sequence (BCAS3) gene is localized to 17q23, a region that is often amplified in breast cancers. Copy number gains at this region have also been reported in other tumors such as brain, lung, liver, testis and bladder. BCAS3 is thought to be an estrogen receptor (ER)-alpha co-activator that acts through PELP1, another ER-alpha that in turn activates BCAS3 expression. This may set up a positive feedback loop leading to ER-a signal amplification in the cell which may play a significant role in breast cancer. BCAS3 expression has also been observed in embryonic stem cells and vascular precursors, suggesting that it may also play a role in embryogenesis and tumor angiogenesis.

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Overview

Product Name	Anti-BCAS3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BCAS3 Antibody (Catalog # A07120-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	BCAS3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	BCAS3 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	Q9H6U6

Technical Details

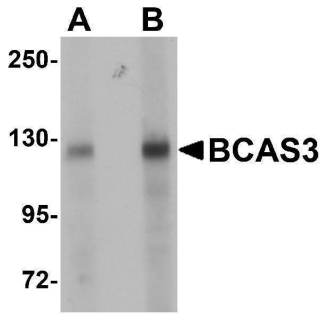
Immunogen	BCAS3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human BCAS3. The immunogen is located within amino acids 50 - 100 of BCAS3.
Predicted Reactive Species	Bovine
Isotype	IgG

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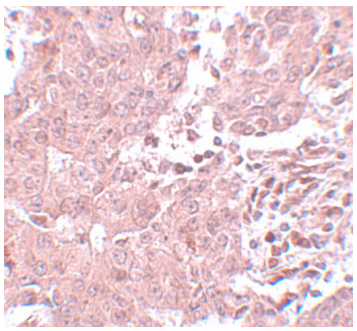
Form	Liquid
Concentration	1 mg/mL
Purification	BCAS3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	BCAS3 antibody can be used for detection of BCAS3 by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat 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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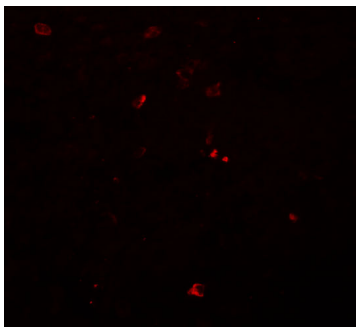
Anti-BCAS3 Antibody (A07120-1) Images



Western blot analysis of BCAS3 in rat brain tissue lysate with BCAS3 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of BCAS3 in human breast carcinoma with BCAS3 antibody at 5 ug/mL.



Immunofluorescence of BCAS3 in human breast carcinoma tissue with BCAS3 antibody at 20 ug/mL.

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