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Datasheet for ABIN6991285  
**anti-BCAS3 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	BCAS3
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product 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.
Isotype:	IgG
Purification:	BCAS3 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	BCAS3
Alternative Name:	BCAS3 ( <a href="#">BCAS3 Products</a> )
Background:	BCAS3 Antibody: 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

## Target Details

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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.

Gene ID: 54828

UniProt: [Q9H6U6](#)

## Application Details

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Application Notes: BCAS3 antibody can be used for detection of BCAS3 by Western blot at 0.5 - 1  $\mu$ g/mL. Antibody can also be used for immunohistochemistry starting at 5  $\mu$ g/mL. For immunofluorescence start at 20  $\mu$ g/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.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: BCAS3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: BCAS3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.