

Datasheet for ABIN6991284  
**anti-BCAS2 antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	BCAS2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	BCAS2 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human BCAS2. The immunogen is located within the last 50 amino acids of BCAS2.
Isotype:	IgG
Purification:	BCAS2 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	BCAS2
Alternative Name:	BCAS2 ( <a href="#">BCAS2 Products</a> )
Background:	BCAS2 Antibody: BCAS2 was identified through differential display analysis as an mRNA species that was overexpressed in MCF7 and BT-20 breast cancer cell lines. The chromosomal region containing this gene, 1p13.3021, is amplified in these cells lines. BCAS2 is a

## Target Details

transcriptional cofactor that enhances estrogen receptor-mediated gene expression, and directly interacts with the tumor suppressor p53 to reduce p53 transcriptional activity by reducing p53 protein level in the absence of DNA damage. Deprivation of BCAS2 through RNA inhibition induces apoptosis in p53-wild type cells, but causes G2-M arrest in p53-null or -mutant cells, this effect was reversed with the expression of ectopic BCAS2. BCAS2 may thus be potentially useful as a therapeutic target in the treatment of cancer.

Gene ID: 10286

UniProt: [O75934](#)

## Application Details

Application Notes: BCAS2 antibody can be used for detection of BCAS2 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: BCAS2 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: BCAS2 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.