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Datasheet for ABIN499423 anti-BCAS2 antibody (C-Term)

2 Images



Overview

Quantity:	0.1 mg
Target:	BCAS2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAS2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	BCAS2 antibody was raised against a 14 amino acid peptide near the carboxy terminus of
	human BCAS2.
Isotype:	lgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	BCAS2
Alternative Name:	BCAS2 / DAM1 (BCAS2 Products)
Background:	BCAS2 was identified through differential display analysis as an mRNA species that was
	this gene, 1p13.3021, is amplified in these cells lines. BCAS2 is a transcriptional cofactor that

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Target Details

	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.Synonyms: Breast carcinoma-amplified sequence 2, DNA
	amplified in mammary carcinoma 1 protein, Pre-mRNA-splicing factor SPF27, SPF27
Gene ID:	10286
UniProt:	075934
Application Details	
Application Notes:	ELISA. Western Blot: BCAS2 antibody can be used for detection of BCAS2 at 0.5 - 1 μ g/mL.
	Immunohistochemistry.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Concentration:	1.0 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody (in aliquots) at -20 °C.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of BCAS2 in human breast carcinoma with BCAS2 antibody at $5 \,\mu$ g/ml.

Western Blotting

Image 2. Western blot analysis of BCAS2 in MCF7 cell lysate with AP30126PU-N BCAS2 antibody at (A) 0.5 and (B) 1 μ g/ml.

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