

Rabbit BCAS2 Polyclonal Antibody | anti-BCAS2 antibody

BCAS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39629	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

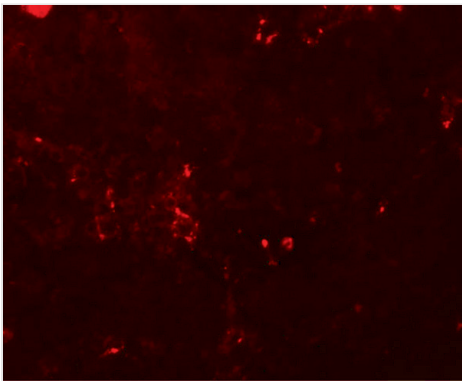
PRODUCT SYNONYMS

BCAS2; Polyclonal Antibody; BCAS2 Antibody; DAM1; SPF27; Snt309; Pre-mRNA-splicing factor SPF27; Breast carcinoma-amplified sequence 2; breast carcinoma amplified sequence 2; anti-BCAS2 antibody

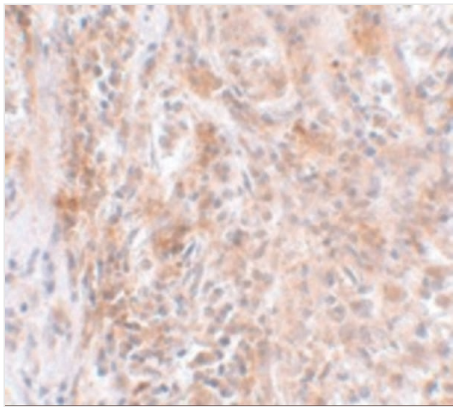
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BCAS2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	225
Applicable Applications for anti-BCAS2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BCAS2 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human BCAS2.
Buffer	BCAS2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BCAS2 antibody can be stored at 4 degree C for three months and -20 degree 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.

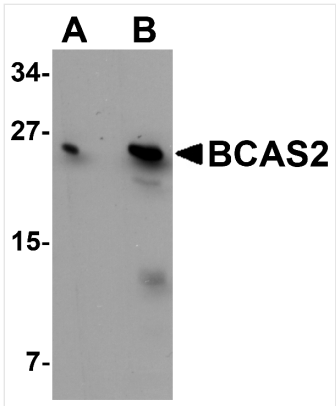
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BCAS2 in human breast carcinoma tissue with BCAS2 antibody at 20 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of BCAS2 in human breast carcinoma with BCAS2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of BCAS2 in MCF7 cell lysate with BCAS2 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BCAS2 antibody

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 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457027
NCBI GeneID	10286
UniProt Accession #	O75934; Q6FGS0
Molecular Weight	26,131 Da
NCBI Official Full Name	BCAS2
NCBI Official Synonym Full Names	breast carcinoma amplified sequence 2
NCBI Official Symbol	BCAS2

NCBI Official Synonym Symbols	DAM1; SPF27; Snt309
NCBI Protein Information	pre-mRNA-splicing factor SPF27; breast carcinoma-amplified sequence 2; spliceosome-associated protein SPF 27; DNA amplified in mammary carcinoma 1 protein; spliceosome associated protein, amplified in breast cancer
UniProt Protein Name	Pre-mRNA-splicing factor SPF27
UniProt Gene Name	BCAS2
UniProt Synonym Gene Names	DAM1
UniProt Entry Name	SPF27_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcas2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39629>