

Rabbit BCAS2 Polyclonal Antibody | anti-BCAS2 antibody

BCAS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306932	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

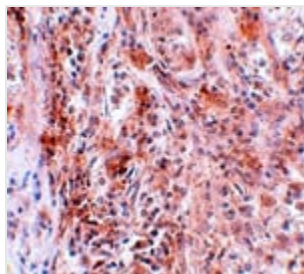
PRODUCT SYNONYMS

BCAS2; Polyclonal Antibody; BCAS2 Antibody; Breast carcinoma amplified sequence 2; DAM1; SPF27; Snt309; anti-BCAS2 antibody

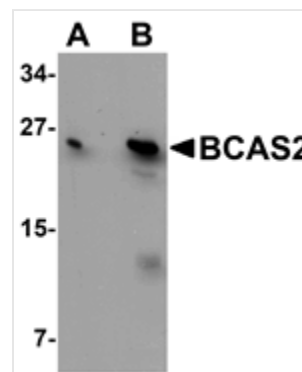
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	225
Applicable Applications for anti-BCAS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the carboxy terminus of human BCAS2.
Target Name	BCAS2
Preparation and Storage	Can be stored at -20 degree C, stable for 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


IHC (Immunohistochemistry)

Immunohistochemistry of BCAS2 in human breast carcinoma with BCAS2 antibody at 5 ug/mL.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-BCAS2 antibody	Total protein Ab

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcas2-antibody-immunohistochemistry-western-blot-elisa/306932>