

Rabbit BCAS2 Polyclonal Antibody | anti-BCAS2 antibody

BCAS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324529	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

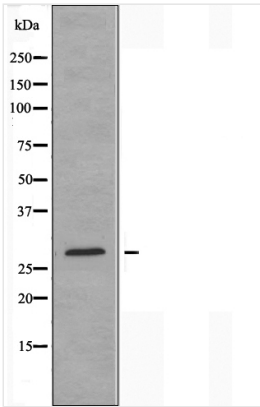
PRODUCT SYNONYMS

BCAS2; Polyclonal Antibody; BCAS2 Antibody; bcas2; Breast carcinoma amplified sequence 2; Breast carcinoma-amplified sequence 2; DAM1; DNA amplified in mammary carcinoma 1 protein; MGC7712; Pre mRNA splicing factor SPF27; Pre-mRNA-splicing factor spf27; Snt309; SPF27; SPF27_HUMAN; Spliceosome associated protein amplified in breast cancer; Spliceosome associated protein SPF 27; Spliceosome-associated protein SPF 27; anti-BCAS2 antibody

PRODUCT SPECIFICATIONS

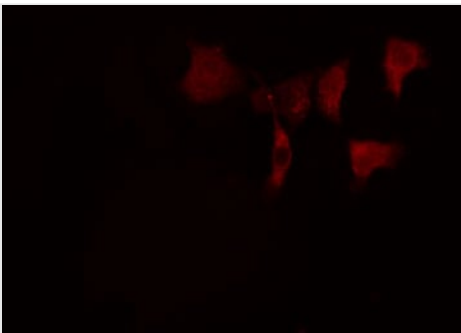
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BCAS2 antibody detects endogenous levels of total BCAS2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	225
Applicable Applications for anti-BCAS2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus > Nucleolus.
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using BCAS2 antibody.



IF (Immunofluorescence)

AAA324529 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BCAS2 antibody	Function: Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. May have a scaffolding role in the spliceosome assembly as it contacts all other components of the core complex. The PRP19-CDC5L complex may also play a role in the response to DNA damage (DDR). Subunit Structure: Component of the PRP19-CDC5L splicing complex composed of a core complex comprising a homotetramer of PRPF19, CDC5L, PLRG1 and BCAS2, and at least three less stably associated proteins CTNNBL1, CWC15 and HSPA8. Interacts directly in the complex with PRPF19, CDC5L and PLRG1. Similarity: Belongs to the SPF27 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031653
NCBI GeneID	10286
NCBI Accession #	NP_005863.1
NCBI GenBank Nucleotide #	NM_005872.2
UniProt Accession #	O75934; Q6FGS0
Molecular Weight	Observed: 27 kD Predicted: 27 kDa
NCBI Official Full Name	pre-mRNA-splicing factor SPF27
NCBI Official Synonym Full Names	BCAS2, pre-mRNA processing factor
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

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.

