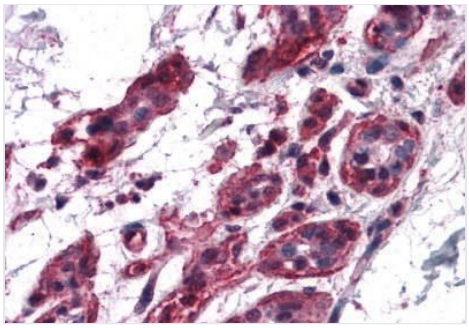
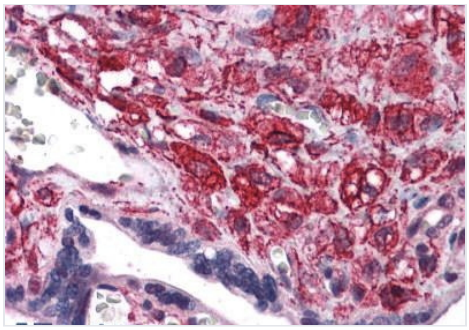
BCAS2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

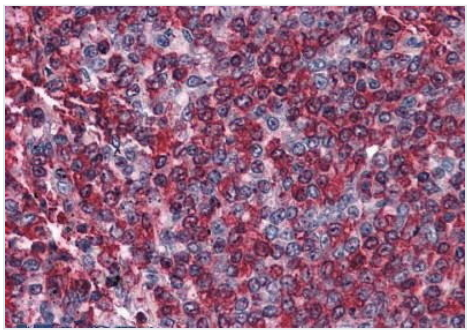
Product Name	BCAS2, Polyclonal Antibody
Full Product Name	BCAS2, CT (Pre-mRNA-splicing Factor SPF27, Breast Carcinoma-amplified Sequence 2, DNA Amplified in Mammary Carcinoma 1 Protein, Spliceosome-associated Protein SPF 27, DAM1)
Product Gene Name	anti-BCAS2 antibody
Product Synonym Names	Anti -BCAS2, CT (Pre-mRNA-splicing Factor SPF27, Breast Carcinoma-amplified Sequence 2, DNA Amplified in Mammary Carcinoma 1 Protein, Spliceosome-associated Protein SPF 27, DAM1)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, 0.02% sodium azide.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Specificity	Recognizes human BCAS2. Species sequence homology: mouse and rat.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	26,131 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (115110178..115124265, complement). Location: 1p13.2
OMIM	605783
3D Structure	ModBase 3D Structure for O75934
Immunogen	Synthetic peptide corresponding to 14aa from human BCAS2 at C-terminus.
Product Categories/Family for anti-BCAS2 antibody	Antibodies; Abs to Splicing Factors
Applications Tested/Suitable for anti-BCAS2 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-BCAS2 antibody	Suitable for use in ELISA, Western Blot and Immunohistochemistry. Dilution: Western Blot: 0.5-1ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 5ug/ml
Related Product Information for anti-BCAS2 antibody	MBS6008055 is an antibody targeting BCAS2. Also known as BCAS2, CT (Pre-mRNA-splicing Factor SPF27, Breast Carcinoma-amplified Sequence 2, DNA Amplified in Mammary Carcinoma 1 Protein, Spliceosome-associated Protein SPF 27, DAM1). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-BCAS2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-BCAS2 antibody
Human Breast: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (IHC) of anti-BCAS2 antibody
Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (IHC) of anti-BCAS2 antibody
Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BCAS2. It may not necessarily be applicable to this product.

NCBI GI #	49457027
NCBI GeneID	10286
NCBI Accession #	CAG46834.1
UniProt Primary Accession #	O75934
UniProt Secondary Accession #	Q6FGS0
UniProt Related Accession #	O75934
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
UniProt Protein Name	Pre-mRNA-splicing factor SPF27
UniProt Synonym Protein Names	Breast carcinoma-amplified sequence 2; DNA amplified in mammary carcinoma 1 protein; Spliceosome-associated protein SPF 27
Protein Family	Pre-mRNA-splicing factor
UniProt Gene Name	BCAS2
UniProt Synonym Gene Names	DAM1
UniProt Entry Name	SPF27_HUMAN
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 Comments for BCAS2	BCAS2: 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. Belongs to the SPF27 family. Protein type: Nucleolus; RNA splicing; Nuclear receptor co-regulator; Spliceosome Chromosomal Location of Human Ortholog: 1p13.2 Cellular Component: nucleoplasm; spliceosome; DNA replication factor A complex; nucleolus; nucleus; cell junction Molecular Function: protein binding Biological Process: nuclear mRNA splicing, via spliceosome; RNA splicing, via transesterification reactions; RNA splicing; gene expression
Research Articles on BCAS2	**1.** BCAS2 directly interacts with p53 to reduce p53 transcriptional activity by mildly but consistently decreasing p53 protein in the absence of DNA damage. In the presence of DNA damage, BCAS2 prominently reduces p53 protein.
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