

BCAS2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13554**Specification**

BCAS2 Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	O75934
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa KDa

BCAS2 Antibody (C-Terminus) - Additional Information**Gene ID** 10286**Other Names**

Pre-mRNA-splicing factor SPF27, Breast carcinoma-amplified sequence 2, DNA amplified in mammary carcinoma 1 protein, Spliceosome-associated protein SPF 27, BCAS2, DAM1

Target/Specificity

Human BCAS2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

BCAS2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

BCAS2 Antibody (C-Terminus) - Protein Information**Name** BCAS2**Synonyms** DAM1 {ECO:0000303|PubMed:10403562}**Function**

Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:28502770, PubMed:28076346, PubMed:29360106, PubMed:29301961, PubMed:30705154). 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).

Cellular Location

Nucleus. Nucleus, nucleolus

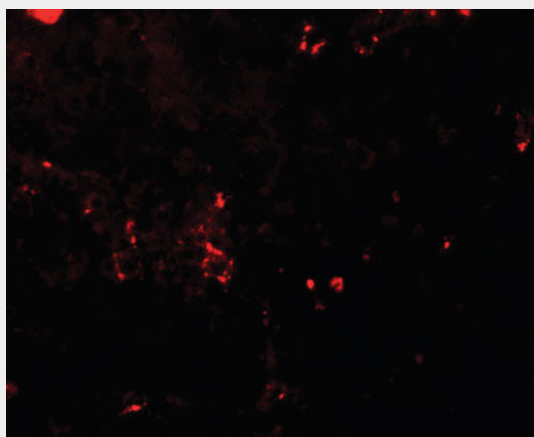
Tissue Location

Ubiquitously expressed.

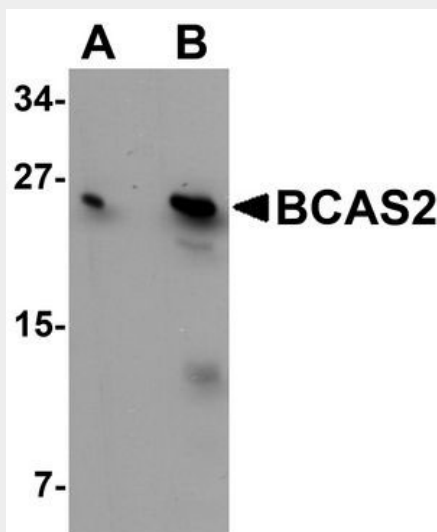
BCAS2 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

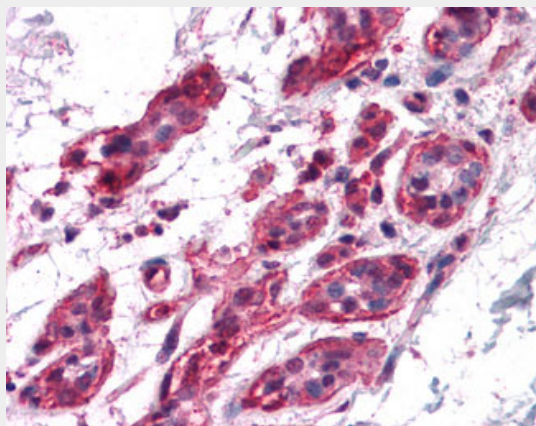
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BCAS2 Antibody (C-Terminus) - Images

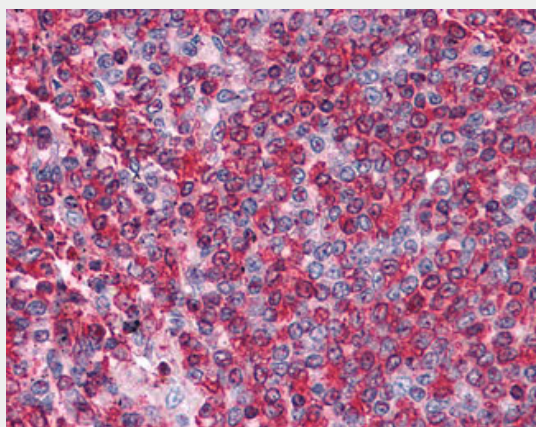
Immunofluorescence of BCAS2 in human breast carcinoma tissue with BCAS2 antibody at 20 ug/ml.



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



Anti-BCAS2 antibody IHC of human breast.



Anti-BCAS2 antibody IHC of human spleen.

BCAS2 Antibody (C-Terminus) - Background

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).

BCAS2 Antibody (C-Terminus) - References

Neubauer G.,et al.Nat. Genet. 20:46-50(1998).
Nagasaki K.,et al.Cancer Lett. 140:219-226(1999).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).