10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCAS2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14509a

Product Information

Application	WB, E
Primary Accession	O75934
Other Accession	Q9D287, Q5RKQ0, NP_005863.1
Reactivity	Human
Predicted	Zebrafish, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34263
Calculated MW	26131
Antigen Region	21-49

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	This BCAS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-49 amino acids from the N-terminal region of human BCAS2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BCAS2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BCAS2
Synonyms	DAM1 {ECO:0000303|PubMed:10403562}

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

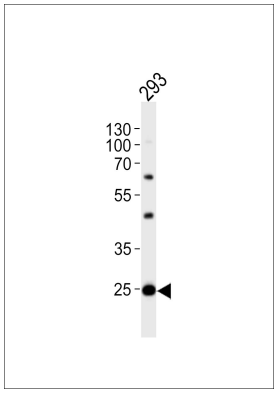
Background

BCAS2 is involved in mRNA splicing (By similarity).

References

Kuo, P.C., et al. Cancer Res. 69(23):8877-8885(2009)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Qi, C., et al. Biochem. Biophys. Res. Commun. 328(2):393-398(2005)
Lee, S., et al. Cancer Lett. 188 (1-2), 121-126 (2002) :
Maass, N., et al. Cancer Lett. 185(2):219-223(2002)

Images



Western blot analysis of lysate from 293 cell line, using BCAS2 Antibody (N-term)(Cat. #AP14509a). AP14509a was diluted at 1:500. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.