

For Research Use Only

BCAS2 Monoclonal antibody

Catalog Number: 68003-1-Ig



Basic Information

Catalog Number: 68003-1-Ig	GenBank Accession Number: BC005285	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10286	CloneNo.: 2A12G1
Source: Mouse	UNIPROT ID: O75934	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:1000-1:4000
Isotype: IgG1	Full Name: breast carcinoma amplified sequence 2	
Immunogen Catalog Number: AG21309	Calculated MW: 26 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HepG2 cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
	IF/ICC : HeLa cells,

Background Information

Breast carcinoma amplified sequence 2 (BCAS2) is preferentially known as pre-mRNA splicing factor SPF27 and was originally characterized as an up-regulated gene by amplification in human breast cancer cells. BCAS2 has been shown to be involved in DNA damage repair through the replication protein A (RPA) complex.

Storage

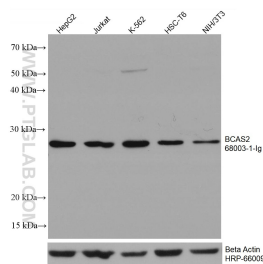
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

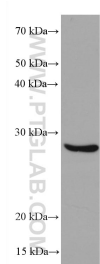
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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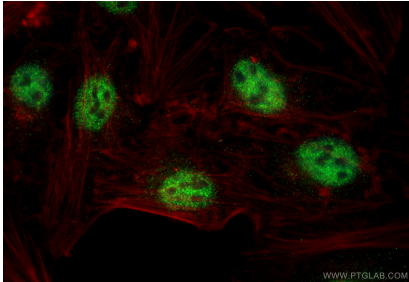
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 68003-1-Ig (BCAS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



LNCaP cells were subjected to SDS PAGE followed by western blot with 68003-1-Ig (BCAS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BCAS2 antibody (68003-1-Ig, Clone: 2A12G1) at dilution of 1:2000 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).