

For Research Use Only

# BCAS2 Polyclonal antibody

Catalog Number: 10414-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

10414-1-AP

**Size:**

150ul, Concentration: 600 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0669

**GenBank Accession Number:**

BC005285

**GeneID (NCBI):**

10286

**UNIPROT ID:**

O75934

**Full Name:**

breast carcinoma amplified sequence

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**Calculated MW:**

26 kDa

**Observed MW:**

26-32 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:8000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:400-1:1600

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC, IF, RIP

**Species Specificity:**

human, mouse, rat, monkey

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** HeLa cells, mouse brain tissue, mouse liver tissue, hESC cells, human brain tissue, K-562 cells, COS-7 cells, SH-SY5Y cells, PC-12 cells, C6 cells

**IP:** mouse brain tissue,

**IHC:** human prostate cancer tissue, human colon cancer tissue, human breast cancer tissue

**IF/ICC:** HeLa cells, MCF-7 cells

## Background Information

BCAS2 associates with the spliceosome and implicates in mRNA splicing

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenbo Liu	28128212	Nat Commun	WB
Jiaqi Zhang	34972250	FASEB J	WB,IF
P-C Kuo	25461807	Br J Cancer	IHC, WB

## 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

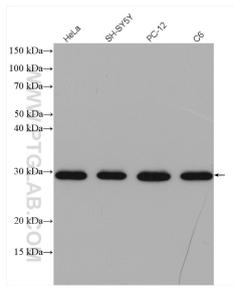
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

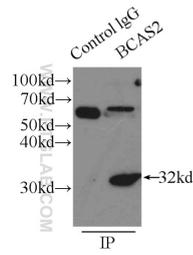
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

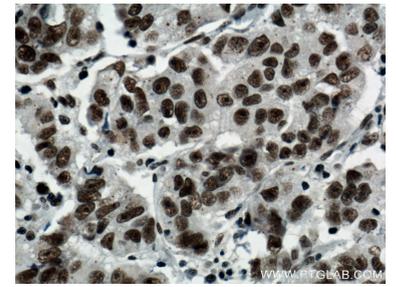
## Selected Validation Data



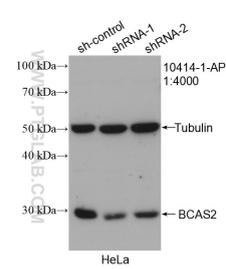
Various lysates were subjected to SDS PAGE followed by western blot with 10414-1-AP (BCAS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



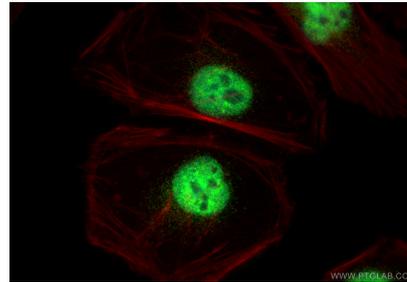
IP result of anti-BCAS2 (IP:10414-1-AP, 3ug; Detection:10414-1-AP 1:1000) with mouse brain tissue lysate 6500ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 10414-1-AP (BCAS2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of BCAS2 antibody (10414-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-BCAS2 transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BCAS2 antibody (10414-1-AP) at dilution of 1:800 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).