

For Research Use Only

# BCAS2 Polyclonal antibody

Catalog Number: 10414-1-AP

Featured Product

6 Publications



## Basic Information

<b>Catalog Number:</b> 10414-1-AP	<b>GenBank Accession Number:</b> BC005285	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10286	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> breast carcinoma amplified sequence 2	<b>IHC 1:50-1:500</b> <b>IF 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 26 kDa	
<b>Immunogen Catalog Number:</b> AG0669	<b>Observed MW:</b> 26-32 kDa	

## Applications

### Tested Applications:

IF, IHC, IP, WB, ELISA

### Cited Applications:

IF, IHC, RIP, WB

### 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** : HepG2 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

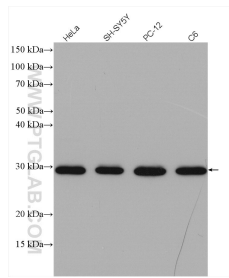
For technical support and original validation data for this product please contact:

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

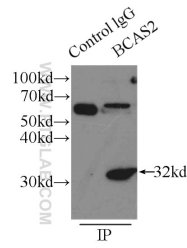
E: proteintech@ptglab.com  
W: ptglab.com

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

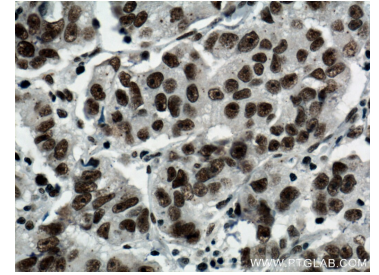
## Selected Validation Data



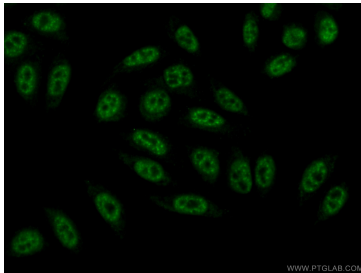
Various lysates were subjected to SDS PAGE followed by western blot with 10414-1-AP (BCAS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



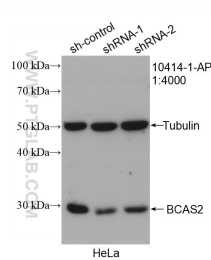
IP Result of anti-BCAS2 (IP:10414-1-AP, 3ug; Detection:10414-1-AP 1:1000) with mouse brain tissue lysate 6500ug.



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).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10414-1-AP (BCAS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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.