

For Research Use Only

BCAS2 Polyclonal antibody

Catalog Number: 10414-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

10414-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0669

GenBank Accession Number:

BC005285

GeneID (NCBI):

10286

UNIPROT ID:

O75934

Full Name:

breast carcinoma amplified sequence

2

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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IF, RIP, IHC

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

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

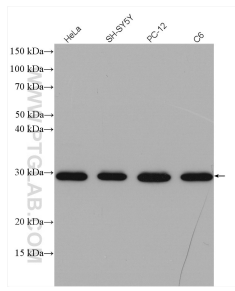
T: 4006900926

E: Proteintech-CN@ptglab.com

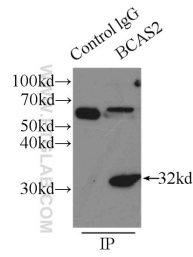
W: ptgcn.com

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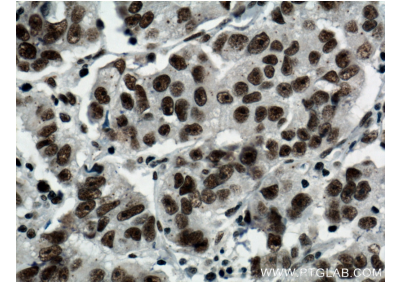
Selected Validation Data



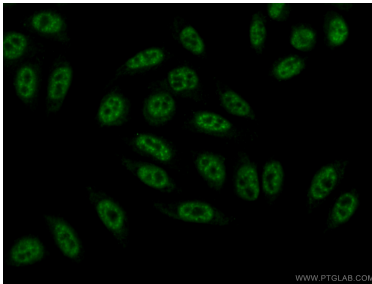
Various lysates were subjected to SDS PAGE followed by western blot with 10414-1-AP (BCAS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



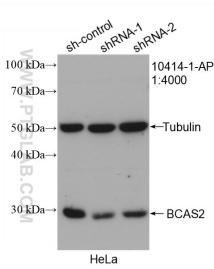
IP result of anti-BCAS2 (IP:10414-1-AP, 3ug; Detection:10414-1-AP 1:1000) with mouse brain tissue lysate 6500ug.



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.