

BCAS3 Rabbit pAb

Catalog No.: A7274

Basic Information

Observed MW

115kDa

Calculated MW

74kDa/99kDa/101kDa/102kDa/103kDa

Category

Primary antibody

Applications

WB,IHC,IF/ICC,IP

Cross-Reactivity

Human, Mouse, Rat

Background

Plays a role in angiogenesis. Participates in the regulation of cell polarity and directional endothelial cell migration by mediating both the activation and recruitment of CDC42 and the reorganization of the actin cytoskeleton at the cell leading edge. Promotes filipodia formation (By similarity. Functions synergistically with PELP1 as a transcriptional coactivator of estrogen receptor-responsive genes. Stimulates histone acetyltransferase activity. Binds to chromatin. Plays a regulatory role in autophagic activity. In complex with PHAF1, associates with the preautophagosomal structure during both non-selective and selective autophagy. Probably binds phosphatidylinositol 3-phosphate (PtdIns3P which would mediate the recruitment preautophagosomal structures.

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	1:50 - 1:100

Immunogen Information

Gene ID

54828

Swiss Prot

Q9H6U6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 674-913 of human BCAS3 (NP_060149.3).

Synonyms

BCAS3;GAOB1;MAAB

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

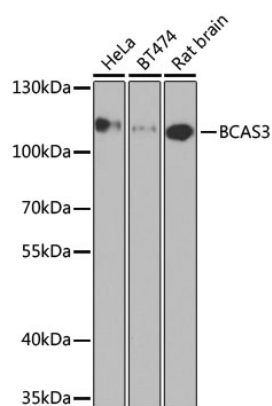
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using BCAS3 antibody (A7274) at 1:1000 dilution.

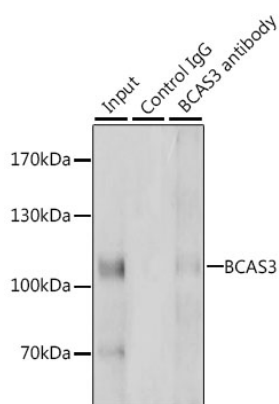
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

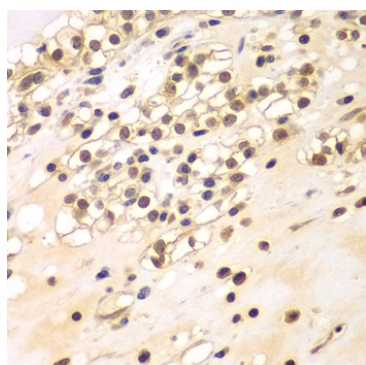
Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.

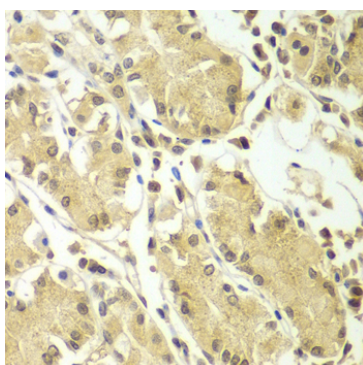


Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug BCAS3 antibody (A7274).

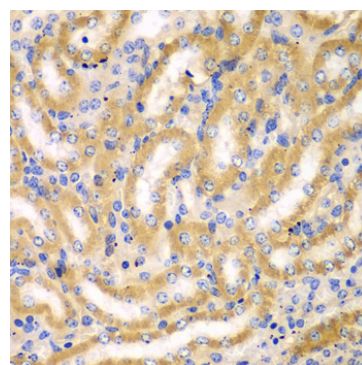
Western blot was performed from the immunoprecipitate using BCAS3 antibody (A7274) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human kidney cancer using BCAS3 antibody (A7274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

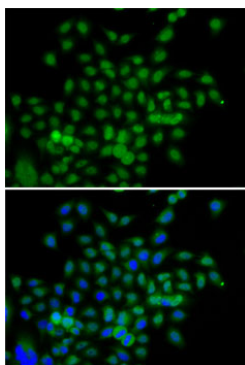


Immunohistochemistry of paraffin-embedded human stomach using BCAS3 antibody (A7274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse kidney using BCAS3 antibody (A7274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Validation Data



Immunofluorescence analysis of A-549 cells using BCAS3 antibody (A7274). Blue: DAPI for nuclear staining.