

BCAS3 Rabbit pAb

Catalog No.: A7274

Basic Information

Observed MW

115kDa

Calculated MW

101kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

Background

Enables several functions, including acetyltransferase activator activity; beta-tubulin binding activity; and histone acetyltransferase binding activity. Involved in cellular response to estrogen stimulus; positive regulation of catalytic activity; and positive regulation of transcription by RNA polymerase II. Located in nucleus; phagophore assembly site; and transcriptionally active chromatin. Biomarker of breast cancer.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

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

MAAB; GAOB1; PHAF2; HEMARS; BCAS3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

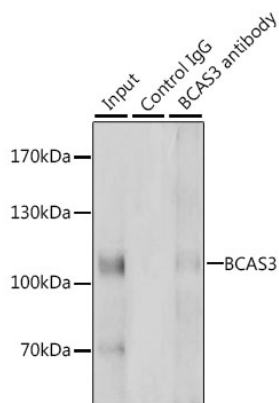
Affinity purification

Storage

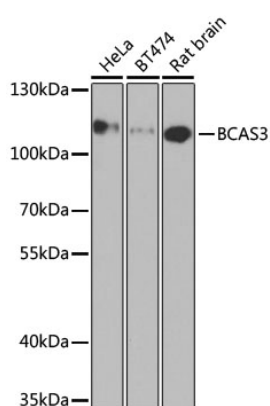
Store at -20°C. Avoid freeze / thaw cycles.

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

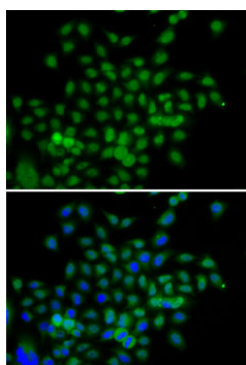
Validation Data



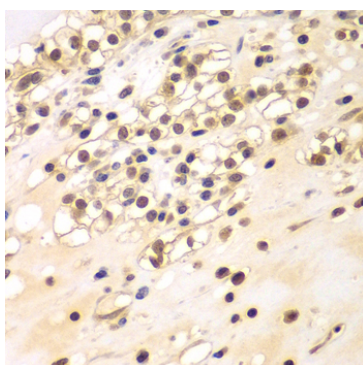
Immunoprecipitation analysis of 200 µg extracts of HeLa cells, using 3 µg BCAS3 antibody (A7274). Western blot was performed from the immunoprecipitate using BCAS3 antibody (A7274) at a dilution of 1:1000.



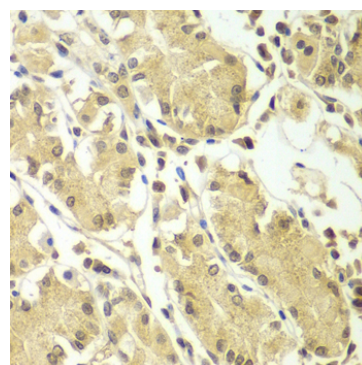
Western blot analysis of various lysates using BCAS3 Rabbit pAb (A7274) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence analysis of A-549 cells using BCAS3 Rabbit pAb (A7274). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

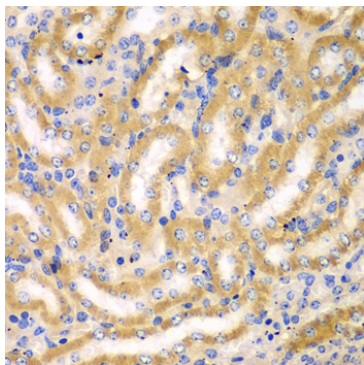


Immunohistochemistry analysis of BCAS3 in paraffin-embedded human kidney cancer using BCAS3 Rabbit pAb (A7274) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of BCAS3 in paraffin-embedded human stomach using BCAS3 Rabbit pAb (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



Immunohistochemistry analysis of BCAS3 in paraffin-embedded mouse kidney using BCAS3 Rabbit pAb (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.