

Rabbit BCAS3 Polyclonal Antibody | anti-BCAS3 antibody

BCAS3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39722	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

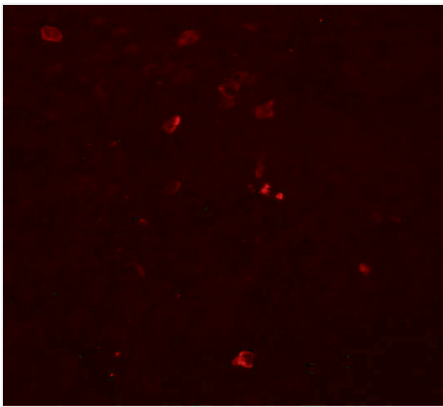
PRODUCT SYNONYMS

BCAS3; Polyclonal Antibody; BCAS3 Antibody; MAAB; GAOB1; Breast carcinoma-amplified sequence 3; breast carcinoma amplified sequence 3; anti-BCAS3 antibody

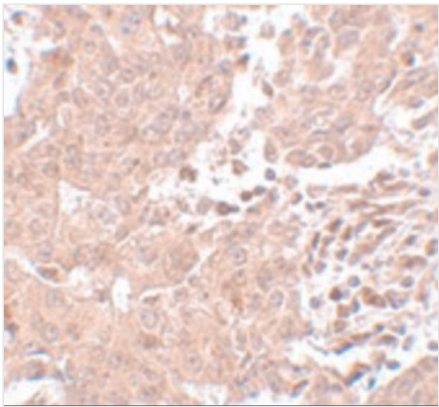
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BCAS3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	950
Applicable Applications for anti-BCAS3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BCAS3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human BCAS3.
Buffer	BCAS3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BCAS3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

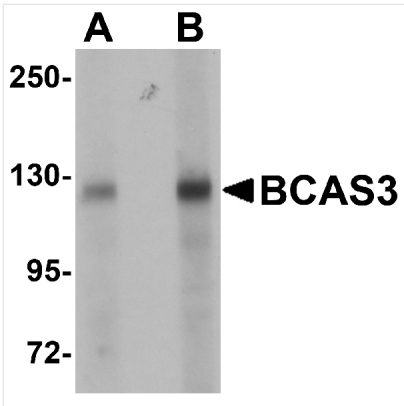
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BCAS3 in human breast carcinoma tissue with BCAS3 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of BCAS3 in human breast carcinoma with BCAS3 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of BCAS3 in rat brain tissue lysate with BCAS3 antibody at (A) 0.5 and (B) 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BCAS3 antibody

BCAS3 Antibody: The Breast carcinoma amplified sequence (BCAS3) gene is localized to 17q23, a region that is often amplified in breast cancers. Copy number gains at this region have also been reported in other tumors such as brain, lung, liver, testis and bladder. BCAS3 is thought to be an estrogen receptor (ER)-alpha co-activator that acts through PELP1, another ER-alpha that in turn activates BCAS3 expression. This may set up a positive feedback loop leading to ER-a signal amplification in the cell which may play a significant role in breast cancer. BCAS3 expression has also been observed in embryonic stem cells and vascular precursors, suggesting that it may also play a role in embryogenesis and tumor angiogenesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119571800
NCBI GeneID	54828
UniProt Accession #	Q9H6U6; Q17RM0; Q6K21; Q8IXI6; Q8NDR8; Q8TDL9; Q8TDM1; Q8WY55; Q9BVF0; Q9H957; Q9H9Y9; Q9NXP4
Molecular Weight	74,240 Da
NCBI Official Full Name	breast carcinoma amplified sequence 3, isoform CRA_f
NCBI Official Synonym Full Names	breast carcinoma amplified sequence 3
NCBI Official Symbol	BCAS3

NCBI Official Synonym Symbols	MAAB; GAOB1
NCBI Protein Information	breast carcinoma-amplified sequence 3; protein Maab1; BCAS4/BCAS3 fusion; metastasis associated antigen of breast cancer; breast carcinoma amplified sequence 4/3 fusion protein
UniProt Protein Name	Breast carcinoma-amplified sequence 3
UniProt Gene Name	BCAS3
UniProt Entry Name	BCAS3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcas3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39722>