

BCAS3 Antibody

Catalog No: #25065

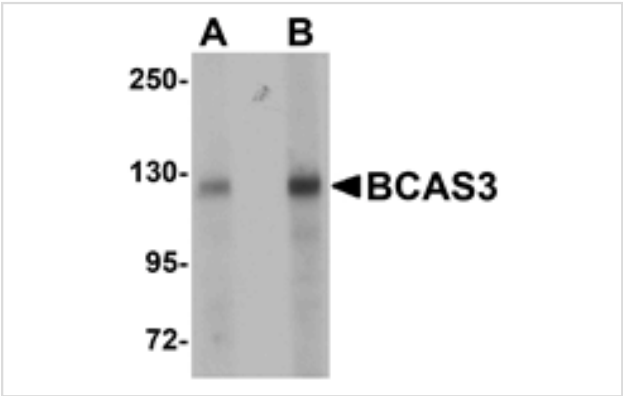


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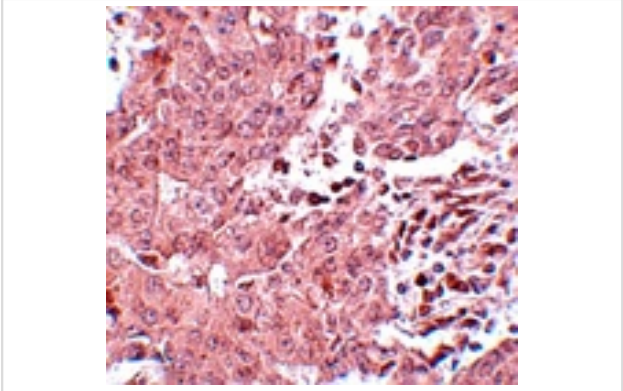
Description

Product Name	BCAS3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the amino terminus of human BCAS3.
Target Name	BCAS3
Other Names	Breast carcinoma amplified sequence 3, MAAB, GAOB
Accession No.	Swiss-Prot:Q9H6U6Gene ID:54828
Uniprot	Q9H6U6
GeneID	54828;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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



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



Immunohistochemistry of BCAS3 in human breast carcinoma with BCAS3 antibody at 5 ug/mL.

Background

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.

Note: This product is for in vitro research use only