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Product datasheet for TA306931

NABC1 (BCAS1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BCAS1 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human BCAS1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	breast carcinoma amplified sequence 1
Database Link:	NP_003648 Entrez Gene 8537 Human O75363
Background:	BCAS1 was identified through positional cloning and was found to be overexpressed in most but not all breast cancer cells lines. Little is known about this protein; BCAS1 is cytoplasmically localized and is thought to form homodimers through coiled-coil structures. High levels of BCAS1 mRNA are seen in brain and prostate tissues, with lower amounts observed in colon, intestine and testis. Cells engineered to overexpress BCAS1 did not lose anchorage-dependent growth or increase their rate of growth, suggesting that BCAS1 is not a prototypical oncogene. The BCAS1 gene was also found to be amplified in other carcinomas such as pancreatic carcinoma, suggesting that BCAS1 may play in important role in the control of cell proliferation.

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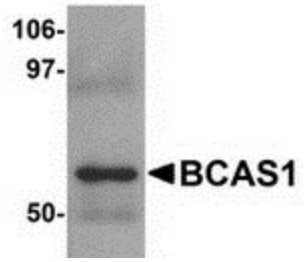
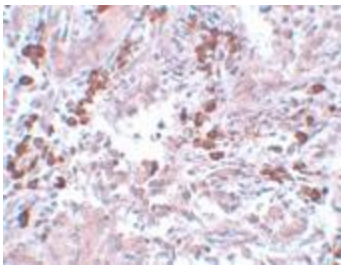
Synonyms: AIBC1; NABC1

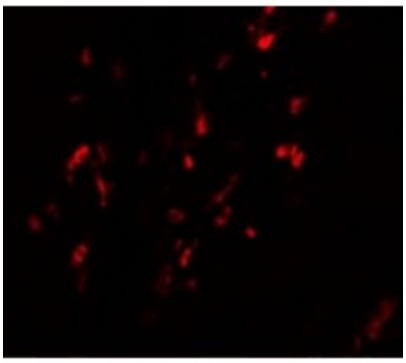
Product images:



Western blot analysis of BCAS1 in human lung tissue lysate with BCAS1 antibody at 1 ug/mL.



Immunohistochemistry of BCAS1 in human breast carcinoma with BCAS1 antibody at 5 ug/mL.



Immunofluorescence of BCAS1 in Human Breast Carcinoma cells with BCAS1 antibody at 20 ug/mL.