

AP50349PU-N**Polyclonal Antibody to BCAS1 / NABC1 (N-term) - Aff - Purified**

Alternate names:	AIBC1, Breast carcinoma-amplified sequence 1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	This gene resides in a region at 20q13 which is amplified in a variety of tumor types and associated with more aggressive tumor phenotypes. Among the genes identified from this region, it was found to be highly expressed in three amplified breast cancer cell lines and in one breast tumor without amplification at 20q13.2. However, this gene is not in the common region of maximal amplification and its expression was not detected in the breast cancer cell line MCF7, in which this region is highly amplified. Although not consistently expressed, this gene is a candidate oncogene.
Uniprot ID:	O75363
NCBI:	NP_003648
GeneID:	8537
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human BCAS1
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% (W/V) sodium azide as preservative
Applications:	ELISA: 1/1000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to BCAS1.
Species Reactivity:	Tested: Human.
Add. Information:	Molecular Weight: 61709 Da
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Rose, J. Phd, et al. Mol. Med. (2010) 2. Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) 3. Burmester, J.K., et al. Hum. Hered. 57(4):172-178(2004) 4. Beardsley, D.I., et al. Exp. Cell Res. 290(2):402-413(2003) 5. Deloukas, P., et al. Nature 414(6866):865-871(2001)

Pictures:

BCAS1 Antibody (N-term) (Cat. #AP50349PU-N) western blot analysis in A2058 cell line lysates (35µg/lane). This demonstrates the BCAS1 antibody detected the BCAS1 protein (arrow).

