

BCAS1 Polyclonal Antibody

Catalog NumberPA1-4398

Product data sheet

Details	
Size	100 µg
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Synthetic peptide: D(532) T N S L Q N G D K L Q K R P E K R Q(550)
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C

Species Reactivity	
Species reactivity	Human
Tested Applications	
Western Blot (WB)	1:500

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

PA1-4398 detects NABC1 in human samples. PA1-4398 has been successfully used in Western blotting procedures. By Western blot, this antibody detects a ~60 kDa protein representing NABC1 in MCF-7 cell lysates. NABC1 can form dimers, which are readily detectable in MCF-7 cells. PA1-4398 immunizing peptide corresponds to amino acid residues 532-550 of human NABC1.

Background/Target Information

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.

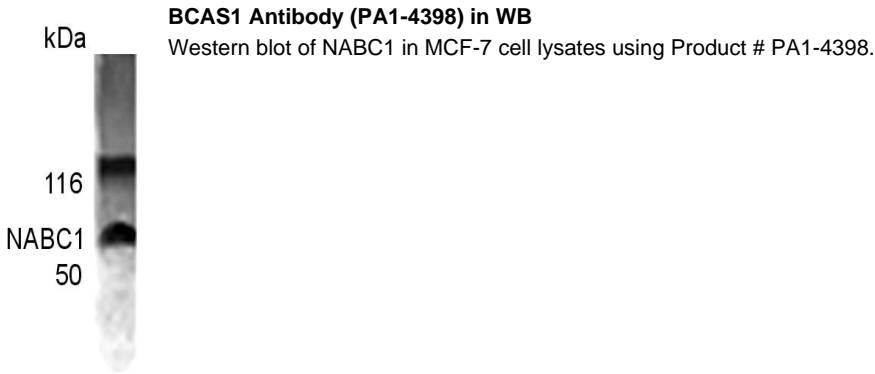
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Fig. 1



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