10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCAS1 Rabbit pAb

Catalog # AP98046

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O75363
Other Accession	O75363
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61709
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BCAS1
Epitope Specificity	542-584/584
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Homodimer. May interact with DYNLL1 and DYNLL2
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	8537
Other Names	AIBC1; NABC1; PMES-2; BCAS1_HUMAN; BCAS1; Amplified and overexpressed in breast cancer; Novel amplified in breast cancer 1; brain enriched myelin associated protein 1; breast carcinoma amplified sequence 1; protein having mRNA enriched in synaptosomes 2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	BCAS1
Synonyms	AIBC1, NABC1
Function	Required for myelination.
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in the brain and, more specifically, in oligodendrocytes (at protein level). Expressed in the prostate, and at lower levels in testis, intestine and colon Overexpressed in most breast cancer cell lines and down-regulated in some colorectal tumors.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.