



## Rabbit Anti-BCAS1 antibody

SL11462R

<b>Product Name:</b>	BCAS1
<b>Chinese Name:</b>	乳腺癌相关蛋白1抗体
<b>Alias:</b>	NABC1; AIBC 1; AIBC1; Amplified and overexpressed in breast cancer; BCAS 1; BCAS1; BCAS1_HUMAN; Breast carcinoma amplified sequence 1; Breast carcinoma-amplified sequence 1; Novel amplified in breast cancer 1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	62kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human BCAS1:542-584/584
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**Function:**

Expressed in brain and prostate, and at lower levels in testis, intestine and colon. Overexpressed in most breast cancer cell lines and down-regulated in some colorectal tumors.

**Subunit:**

Homodimer. May interact with DYNLL1 and DYNLL2

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Expressed in brain and prostate, and at lower levels in testis, intestine and colon. Overexpressed in most breast cancer cell lines and down-regulated in some colorectal tumors.

**SWISS:**

O75363

**Gene ID:**

8537

**Database links:**

[Entrez Gene: 8537](#) Human

[Omic: 602968](#) Human

[SwissProt: O75363](#) Human

[Unigene: 728940](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.