

**BCAS1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16632a****Specification**

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**BCAS1 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [O75363](#)

**BCAS1 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 8537

**Other Names**

Breast carcinoma-amplified sequence 1, Amplified and overexpressed in breast cancer, Novel amplified in breast cancer 1, BCAS1, AIBC1, NABC1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**BCAS1 Antibody (N-term) Blocking Peptide - 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.

**BCAS1 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.



- [Blocking Peptides](#)

#### **BCAS1 Antibody (N-term) Blocking Peptide - Images**

#### **BCAS1 Antibody (N-term) Blocking Peptide - 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.

#### **BCAS1 Antibody (N-term) Blocking Peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)  
:Burmester, J.K., et al. Hum. Hered. 57(4):172-178(2004)Beardsley, D.I., et al. Exp. Cell Res. 290(2):402-413(2003)Deloukas, P., et al. Nature 414(6866):865-871(2001)