

**BCA3 Antibody (N-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP10093a**Specification**

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**BCA3 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O9NQ31](#)  
Other Accession [P50440](#), [NP\\_001473.1](#), [NP\\_878904.2](#),  
[NP\\_065693.2](#)

**BCA3 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 56672

**Other Names**

A-kinase-interacting protein 1, Breast cancer-associated gene 3 protein, PKA-interacting protein, Proline-rich protein BCA3, AKIP1, BCA3, C11orf17

**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.

**BCA3 Antibody (N-term) Blocking peptide - Protein Information**

**Name** AKIP1

**Synonyms** BCA3, C11orf17

**Function**

Enhances NF-kappa-B transcriptional activity by regulating the nuclear localization of the NF-kappa-B subunit RELA and promoting the phosphorylation of RELA by PRKACA. Regulates the effect of the cAMP-dependent protein kinase signaling pathway on the NF-kappa-B activation cascade.

**Cellular Location**

Nucleus. Note=Locates to punctate spots

**Tissue Location**

Expressed at high levels in adult heart and at lower levels in brain, testis, ovary and skeletal muscle. Up-regulated in some breast cancer cell lines. Isoform 1 and isoform 3 are expressed in fetal brain.

### **BCA3 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **BCA3 Antibody (N-term) Blocking peptide - Images**

### **BCA3 Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Gao, N., et al. J. Biol. Chem. 285(36):28097-28104(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Gao, N., et al. J. Biol. Chem. 283(12):7834-7843(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)