

**EBAG9 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP19925c****Specification**

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**EBAG9 Blocking Peptide (Center) - Product Information**

Primary Accession [O00559](#)  
Other Accession [O9D0V7](#), [NP\\_936056.1](#)

**EBAG9 Blocking Peptide (Center) - Additional Information**

**Gene ID** 9166

**Other Names**

Receptor-binding cancer antigen expressed on SiSo cells, Cancer-associated surface antigen RCAS1, Estrogen receptor-binding fragment-associated gene 9 protein, EBAG9, RCAS1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 103-117 of HUMAN EBAG9

**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.

**EBAG9 Blocking Peptide (Center) - Protein Information**

**Name** EBAG9

**Synonyms** RCAS1

**Function**

May participate in suppression of cell proliferation and induces apoptotic cell death through activation of interleukin-1-beta converting enzyme (ICE)-like proteases.

**Cellular Location**

Golgi apparatus membrane; Single-pass type III membrane protein. Note=According to PubMed:10426319, it also exists as a soluble form which has the same biological activities The existence of such soluble form is however uncertain

**Tissue Location**

Widely expressed. Expressed in ovary, testis, prostate, thymus, muscle and heart, but not in small intestine, colon, lymph nodes, or peripheral blood lymphocytes. The protein is not detected in

any of the above organs

### **EBAG9 Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

### **EBAG9 Blocking Peptide (Center) - Images**

### **EBAG9 Blocking Peptide (Center) - Background**

This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor which binds to the estrogen-responsive element (ERE) found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Two transcript variants differing in the 5' UTR, but encoding the same protein, have been identified for this gene.

### **EBAG9 Blocking Peptide (Center) - References**

Wolf, J., et al. FASEB J. 24(10):4000-4019(2010)  
Sonoda, K., et al. Exp. Cell Res. 316(11):1795-1803(2010)  
Ali-Fehmi, R., et al. Cancer Biomark 6(1):33-48(2010)  
Yang, Y.C., et al. Zhonghua Wai Ke Za Zhi 47(13):999-1001(2009)  
Adamek, D., et al. Folia Neuropathol 47(3):240-246(2009)