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EBAG9 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP19925c

Specification

EBAG9 Blocking Peptide (Center) - Product Information

Primary Accession	O00559
Other Accession	Q9D0V7, 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 peripherical 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)