

BRMS1 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19387a**Specification**

BRMS1 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [Q9HCU9](#)**BRMS1 Antibody(N-term) Blocking peptide - Additional Information****Gene ID** 25855**Other Names**

Breast cancer metastasis-suppressor 1, BRMS1

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.

BRMS1 Antibody(N-term) Blocking peptide - Protein Information**Name** BRMS1**Function**

Transcriptional repressor. Down-regulates transcription activation by NF-kappa-B by promoting the deacetylation of RELA at 'Lys-310'. Promotes HDAC1 binding to promoter regions. Down-regulates expression of anti-apoptotic genes that are controlled by NF-kappa-B. Promotes apoptosis in cells that have inadequate adherence to a substrate, a process called anoikis, and may thereby inhibit metastasis. May be a mediator of metastasis suppression in breast carcinoma.

Cellular Location

Nucleus. Cytoplasm. Note=Predominantly nuclear.

Tissue Location

Expression levels are higher in term placentas than in early placentas. Low levels of expression observed in normal pregnancies and in molar pregnancies.

BRMS1 Antibody(N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

BRMS1 Antibody(N-term) Blocking peptide - Images**BRMS1 Antibody(N-term) Blocking peptide - Background**

This gene reduces the metastatic potential, but not the tumorigenicity, of human breast cancer and melanoma cell lines. The protein encoded by this gene localizes primarily to the nucleus and is a component of the mSin3a family of histone deacetylase complexes (HDAC). The protein contains two coiled-coil motifs and several imperfect leucine zipper motifs. Alternative splicing results in two transcript variants encoding different isoforms.

BRMS1 Antibody(N-term) Blocking peptide - References

Wu, Y., et al. Cancer Lett. 293(1):82-91(2010) Vaidya, K.S., et al. Cancer Lett. 281(1):100-107(2009) Frolova, N., et al. Tumour Biol. 30(3):148-159(2009) Martins-de-Souza, D., et al. BMC Psychiatry 9, 17 (2009) Cicek, M., et al. Clin. Exp. Metastasis 26(3):229-237(2009)