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BRMS1 Antibody(N-term) Blocking peptide

Synthetic peptide
Catalog # BP19387a

Specification

BRMS1 Antibody(N-term) Blocking peptide - Product Information

Primary 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 thetumorogenicity, of human breast cancer and melanoma cell lines. Theprotein encoded by this gene localizes primarily to the nucleus andis a component of the mSin3a family of histone deacetylasecomplexes (HDAC). The protein contains two coiled-coil motifs andseveral imperfect leucine zipper motifs. Alternative splicingresults 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)