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BRMS1 Antibody(N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19387a

Specification

BRMS1 Antibody(N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9HCU9
Other Accession	Q5M7T3, Q99N20, NP_056214.1
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**28461**
Antigen Region	**48-77**

BRMS1 Antibody(N-term) - Additional Information

Gene ID 25855

Other Names
Breast cancer metastasis-suppressor 1, BRMS1

Target/Specificity
This BRMS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-77 amino acids from the N-terminal region of human BRMS1.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
BRMS1 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

BRMS1 Antibody(N-term) - 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.

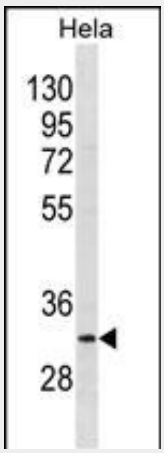
Tissue Location
Expression levels are higher in term placentas than in early placentas. Low levels of expression observed in normal pregnancies and in molar pregnancies.

BRMS1 Antibody(N-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BRMS1 Antibody(N-term) - Images



BRMS1 Antibody (N-term)(Cat. #AP19387a) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the BRMS1 antibody detected the BRMS1 protein (arrow).

BRMS1 Antibody(N-term) - Background

This gene reduces the metastatic potential, but not the tumorogenicity, 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.

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Vaidya, K.S., et al. Cancer Lett. 281(1):100-107(2009)
Frolova, N., et al. Tumour Biol. 30(3):148-159(2009)
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Cicek, M., et al. Clin. Exp. Metastasis 26(3):229-237(2009)