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BRMS1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51021

Product Information

Application	WB, IHC-P
Primary Accession	Q9HCU9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28461

Additional Information

Gene ID	25855
Other Names	Breast cancer metastasis-suppressor 1, BRMS1
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Background

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.

References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Janneau J.-L.,et al.J. Clin. Endocrinol. Metab. 87:5336-5339(2002).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.