10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BRMS-1 Polyclonal Antibody

Catalog # AP68710

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	BRMS1; Breast cancer metastasis-suppressor 1
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

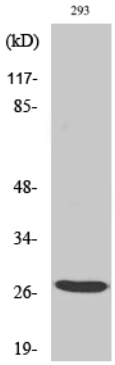
Name	BRMS1
Function	Transcriptional repressor. Down-regulates transcription activation by NF-kappa-B by promoting the deacetylation of RELA at 'Lys-310'. Promotes HDAC1 binding to promoter regions. Down-regulates expression of anti-apoptotic genes that are controlled by NF-kappa-B. Promotes apoptosis 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.

Images



Western Blot analysis of various cells using BRMS-1 Polyclonal Antibody