

## ARG59399 anti-BRMS1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes BRMS1
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BRMS1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 90-210 of Human BRMS1 (NP_056214.1).
Conjugation	Un-conjugated
Alternate Names	Breast cancer metastasis-suppressor 1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis	
Observed Size	28 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

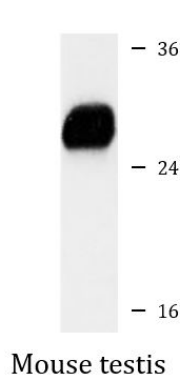
## Bioinformation

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Gene Symbol	BRMS1
Gene Full Name	breast cancer metastasis suppressor 1
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. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	28 kDa
PTM	Ubiquitinated by a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex containing SPOP, leading to proteasomal degradation. [UniProt]
Cellular Localization	Nucleus. Cytoplasm. Note=Predominantly nuclear. [UniProt]

## Images

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ARG59399 anti-BRMS1 antibody WB image

Western blot: 25 µg of Mouse testis lysate stained with ARG59399 anti-BRMS1 antibody at 1:1000 dilution.