

Anti-BRMS1 Picoband Antibody
Catalog # ABO13019**Specification**

Anti-BRMS1 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q9HCU9
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for BRMS1 detection. Tested with WB in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-BRMS1 Picoband Antibody - Additional Information

Gene ID 25855

Other Names

Breast cancer metastasis-suppressor 1, BRMS1

Application Details

Western blot, 0.1-0.5 µg/ml

Subcellular Localization

Nucleus. Cytoplasm. Predominantly nuclear.

Tissue Specificity

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

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

A synthetic peptide corresponding to a sequence of human BRMS1 (EKLLLYDTLQGELQERIQRLEEDRQSLDLSSEWWDDKLHAR).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r° Constitution, at 4°C; for one month. It° Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and

thawing.

Anti-BRMS1 Picoband Antibody - 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.

Anti-BRMS1 Picoband Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-BRMS1 Picoband Antibody - Images

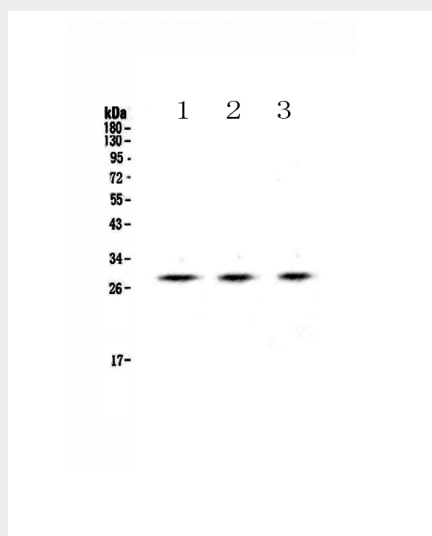


Figure 1. Western blot analysis of BRMS1 using anti-BRMS1 antibody (ABO13019).

Anti-BRMS1 Picoband Antibody - Background

Breast cancer metastasis-suppressor 1 is a protein that in humans is encoded by the BRMS1 gene. 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.