

**Anti-Human/Mouse/Rat BRMS1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA02272**

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3th Edition

**Description:** 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. BRMS1 (Breast Cancer Metastasis Suppressor 1) is a Protein Coding gene. Diseases associated with BRMS1 include Breast Cancer. Among its related pathways are Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 and Chromatin organization. GO annotations related to this gene include histone deacetylase binding and histone deacetylase activity. An important paralog of this gene is BRMS1L.

**Antigen:** Synthesized peptide derived from the Internal region of human BRMS-1

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

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