乳腺癌易感基因环状结构域蛋白抗体

产品货号： mIR4291

英文名称： BARD1

中文名称： 乳腺癌易感基因环状结构域蛋白抗体

别　　名： BARD-1; Bard1; Bard 1; BARD1_HUMAN; BRCA1 associated RING domain 1; BRCA1 associated RING domain gene 1; BRCA1 associated RING domain protein 1; BRCA1-associated RING domain protein 1.

研究领域： 肿瘤　细胞生物　免疫学　染色质和核信号　细胞凋亡

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=1ug/Test IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 85kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human BARD1:101-200/777

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed： **PubMed**

产品介绍： BRCA1 Associated RING Domain gene 1 (BARD1) interacts with the N terminal region of BRCA1. In addition to its ability to bind BRCA1 in vivo and in vitro, BARD1 shares homology with the 2 most conserved

regions of BRCA1: the N terminal RING motif and the C terminal BRCT domain. The RING motif is a cysteine rich sequence found in a variety of proteins that regulate cell growth, including the products of tumor suppressor genes and dominant protooncogenes. The BARD1 protein also contains 3 tandem ankyrin repeats. The BARD1/BRCA1 interaction is disrupted by tumorigenic amino acid substitutions in BRCA1, implying that the formation of a stable complex between these proteins may be an essential aspect of BRCA1 tumor suppression. BARD1 may be the target of oncogenic mutations in breast or ovarian cancer. BARD1 also plays a role in mediating apoptotic stress and p53 dependent.

Subunit:

Homo- and heterodimer. Heterodimer

Subcellular Location:

Nucleus.

Similarity:

Contains 4 ANK repeats.

Contains 2 BRCT domains.

Contains 1 RING-type zinc finger.

SWISS:

Q99728

Gene ID:

580

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片