

乳腺癌易感基因复合物 HSPC142 抗体

产品货号： mlR18088

英文名称： HSPC142

中文名称： 乳腺癌易感基因复合物 HSPC142 抗体

别名： BABA1_HUMAN; babam1; BRCA1 A complex subunit MERIT40; BRISC and BRCA1-A complex member 1; C19orf62; FLJ20571; HSPC142; hypothetical protein LOC29086; Mediator of Rap80 interactions and targeting 40 kDa; Mediator of RAP80 interactions and targeting subunit of 40 kDa; MERIT 40; MERIT40; NBA1; New component of the BRCA1 A complex; New component of the BRCA1-A complex; Uncharacterized protein C19orf62.

研究领域： 肿瘤 细胞生物 转录调节因子 糖尿病 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Cat, Chinese Hamster, Orangutan, Elephant

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 36kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human HSPC142:101-200/329

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 癆 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 癆. 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 癆.

PubMed : PubMed

产品介绍 : Consisting of around 63 million bases with over 1,400 genes, chromosome 19 makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fcγ receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3. The C19orf62 gene product has been provisionally designated C19orf62 pending further characterization.

Function:

Component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX. In the BRCA1-A complex, it is required for the complex integrity and its localization at DSBs. Probably also plays a role as a component of the BRISC complex, a multiprotein complex that specifically cleaves 'Lys-63'-linked ubiquitin. In these 2 complexes, it is probably required to maintain the stability of BRE/BRCC45 and help the 'Lys-63'-linked deubiquitinase activity mediated by

BRCC3/BRCC36. component.

Subcellular Location:

Cytoplasm. Nucleus. Localizes at sites of DNA damage at double-strand breaks.

Similarity:

Belongs to the BABAM1 family.

SWISS:

Q9NWW8

Gene ID:

29086

Important Note:

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