

乳腺癌易感基因 2 相关蛋白抗体

产品货号 : mlR12883

英文名称 : BRAF35

中文名称 : 乳腺癌易感基因 2 相关蛋白抗体

别 名 : BRAF25; BRAF35; BRCA 2 Associated Factor (35kDa); BRCA2 associated factor 35; BRCA2-associated factor 35; High Mobility Group Protein 20B; HM20B_HUMAN; HMG 20B; HMG box containing protein 20B; HMG box-containing protein 20B; HMG domain-containing protein 2; HMG domain-containing protein HMGX2; hmg20b; HMGX2; PP7706; pp8857; SMARCE1 related protein; SMARCE1-related protein; SMARCE1r; sox like; Sox like transcriptional factor; Sox-like transcriptional factor; SOXL; Structural DNA binding protein BRAF35; Structural DNA-binding protein BRAF35; SWI/SNF related; SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily E member 1 related; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related.

研究领域 : 肿瘤 细胞生物 转录调节因子

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Cow,

产品应用 : WB=1:500-2000 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

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human BRAF35:1-100/317

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 : The breast cancer susceptibility gene (BRCA1) localizes to chromosome 17q. Mutations within this gene account for approximately 45% of families with high incidence of breast cancer and at least 80% of families with increased incidence of both early-onset breast cancer and ovarian cancer. A second breast cancer susceptibility gene, BRCA2, located on chromosome 13q12-13, also confers a high incidence of breast cancer, but unlike BRCA1, BRCA2 does not confer a substantially elevated risk of ovarian cancer. The BRCA2-Associated Factor 35 (BRAF35) protein forms a complex with BRCA2, which associates with condensed chromatin during histone H3 phosphorylation. BRAF35 expression levels are highest in proliferating tissues and parallel BRCA2 expression patterns. The structure of BRAF35 includes a kinesin-like coiled coil domain and a nonspecific DNA binding HMG domain. The chromatin localization of BRAF35 and antibody microinjection studies indicate a role for the BRAF35/BRCA2 complex in cell cycle regulation.

Function:

Required for correct progression through G2 phase of the cell cycle and entry into mitosis. Required for RCOR1/CoREST mediated repression of neuronal specific gene promoters.

Subunit:

Component of a BHC histone deacetylase complex that contains HDAC1, HDAC2, HMG20B/BRAF35, KDM1A,

RCOR1/CoREST and PHF21A/BHC80. The BHC complex may also contain ZMYM2, ZNF217, ZMYM3, GSE1 and GTF2I. Interacts with the BRCA2 tumor suppressor protein.

Subcellular Location:

Nucleus. Chromosome. Localized to condensed chromosomes in mitosis in conjunction with BRCA2.

Tissue Specificity:

Ubiquitously expressed in adult tissues.

Similarity:

Contains 1 HMG box DNA-binding domain.

SWISS:

Q9P0W2

Gene ID:

10362

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

