

EBV 核蛋白 2EBNA2 抗体

产品货号： mlR7733

英文名称： WAPL

中文名称： EBV 核蛋白 2/EBNA2 抗体

别名： FOE; Friend of EBNA2 (Epstein Barr virus nuclear protein 2); Friend of EBNA2 protein; WAPAL; WAPL; WAPL_HUMAN; Wings apart like homolog; Wings apart like homolog (Drosophila); wings apart-like homolog; Wings apart-like protein homolog.

研究领域： 肿瘤 细胞生物 免疫学 细胞周期蛋白 细胞分化 表观遗传学

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 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 : 133kDa

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 WAPL:731-830/1190

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： Regulator of sister chromatid cohesion in mitosis which negatively regulates cohesin association with chromatin. Involved in both sister chromatid cohesion during interphase and sister-chromatid resolution during early stages of mitosis. Couples DNA replication to sister chromatid cohesion. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.

Tissue specificity: Isoform 1 is highly expressed in uterine cervix tumor. Isoform 2 is widely expressed with a high level in skeletal muscle and heart.

Function:

Regulator of sister chromatid cohesion in mitosis which negatively regulates cohesin association with chromatin. Involved in both sister chromatid cohesion during interphase and sister-chromatid resolution during early stages of mitosis. Couples DNA replication to sister chromatid cohesion. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair.

Subunit:

Interacts with the cohesin complex throughout the cell cycle; interacts with both chromatin-bound and soluble pools of the complex. Interacts with RAD21; the interaction is direct. Interacts with PDS5A; the interaction is direct, cohesin-dependent and competitive with SORORIN. Interacts (via FGF motifs) with PDS5B; the interaction is direct. Interacts with SMC3. Isoform 2 interacts with Epstein-Barr virus EBNA2.

Subcellular Location:

Nucleus and Nucleus. Chromosome. Cytoplasm. Associates with chromatin through the cohesin complex during interphase. Released in the cytoplasm from nuclear envelope breakdown until anaphase, it reaccumulates in nucleus at telophase.

Tissue Specificity:

Isoform 1 is highly expressed in uterine cervix tumor. Isoform 2 is widely expressed with a high level in skeletal muscle and heart.

Similarity:

Contains 1 WAPL domain.

SWISS:

Q7Z5K2

Gene ID:

23063

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

