

磷酸化凋亡相关蛋白激酶 1 抗体

产品货号： mlR20054

英文名称： phospho-DAP Kinase 1 (Ser308)

中文名称： 磷酸化凋亡相关蛋白激酶 1 抗体

别名： DAP Kinase 1 (phospho Ser308); DAP Kinase 1 (phospho S308); DAK1; DAP K1; DAP kinase 1; DAPK 1; DAPK; DAPK1; DAPK1_HUMAN; Death Associated Protein Kinase 1; Death-associated protein kinase 1; DKFZp781I035;

研究领域： 肿瘤 细胞生物 信号转导 细胞凋亡 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

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： 157kDa

细胞定位： 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthesised phosphopeptide derived from human DAP Kinase 1 around the phosphorylation site of Ser308:KQ(p-S)VR

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： DAPK1 expression is frequently lost in human carcinomas and B-cell leukemia, and lower levels of expression correlates with high rates of metastasis. The loss of DAPK expression provides a link between suppression of apoptosis and metastasis. DAPK1 is thought be involved in an early apoptotic checkpoint which eliminates premalignant cells from cancer formation. Studies in bladder cancer patients have also shown that hypermethylation of DAPK1 correlates to high recurrence rates and thus DAPK1 may be used as a prognostic marker. DAPK1 is also reportedly a molecular regulator of neuronal death in epilepsy.

Function:

Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.

Subcellular Location:

Cytoplasm. Colocalizes with the actin filament system.

Post-translational modifications:

Ubiquitinated by the BCR(KLHL20) E3 ubiquitin ligase complex, leading to its degradation by the proteasome.

Similarity:

Belongs to the protein kinase superfamily.

CAMK Ser/Thr protein kinase family.

DAP kinase subfamily.

SWISS:

P53355

Gene ID:

1612

Important Note:

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