

bs-1687R**[Primary Antibody]**

www.bioss.com.cn

sales@bioss.com.cn

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400-901-9800

DAPK1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat) Predicted MW.: 160 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 1612	SWISS: P53355	
Target: DAPK1		
Immunogen: KLH conjugated synthetic peptide derived from human DAPK1: 1331-1430/1430.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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.		

— SELECTED CITATIONS —

- **[IF=2.41]** Liu, Wen-bin, et al. "CpG island hypermethylation of multiple tumor suppressor genes associated with loss of their protein expression during rat lung carcinogenesis induced by 3-methylcholanthrene and diethylnitrosamine." Biochemical and biophysical research communications 402.3 (2010): 507. IHC ;Rat. 20970405