

bs-12980R**[Primary Antibody]****phospho-DAP Kinase 2 (Ser318) Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, GuineaPig, Horse) Predicted MW.: 41 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 23604	SWISS: Q9UIK4	
Target: phospho-DAP Kinase 2 (Ser318)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human DAP Kinase 2 around the phosphorylation site of Ser318: KL(p-S)FS.		
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: Protein kinase termed (DA PK2) dependant on calcium/calmodulin (Ca ²⁺ /CaM) contains an N-terminal protein kinase domain followed by a conserved CaM-binding domain with significant homologies to those of DAP kinase, a protein kinase involved in apoptosis. Overexpression of DAPK2 significantly induced the morphological changes characteristic of apoptosis. Results indicate that DAPK2 is an additional member of DAP kinase family involved in apoptotic signaling.		