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<b>Product name:</b>	DAPK2 (phospho Ser318) Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABN04536
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Polyclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human DAPK2 around the phosphorylation site of Ser318. AA range:284-333
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Applications:</b>	IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	<p>This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Negatively regulated by autophosphorylation on Ser-318.,function:Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Homodimer. Homodimerization is required for apoptotic function and is inhibited by autophosphorylation at Ser-318.,tissue specificity:Ubiquitously expressed in all tissue types examined. High levels in heart, lung and skeletal muscle.,</p>