



# DAPK1 (Phospho Ser289) Rabbit pAb

<b>Catalog No</b>	YP-Ab-17323
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	IHC, WB
<b>Gene Name</b>	DAPK1 DAPK
<b>Protein Name</b>	Death-associated protein kinase 1 (DAP kinase 1) (EC 2.7.11.1)
<b>Immunogen</b>	Synthesized peptide derived from human DAPK1 (Phospho Ser289)
<b>Specificity</b>	This antibody detects endogenous levels of DAPK1 (Phospho Ser289) Rabbit pAb at Human, Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Rabbit, polyclonal
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000 IHC 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Death-associated protein kinase 1 (DAP kinase 1) (EC 2.7.11.1)
<b>Observed Band</b>	
<b>Cell Pathway</b>	[Isoform 1]: Cytoplasm. Cytoplasm, cytoskeleton. Colocalizes with MAP1B in the microtubules and cortical actin fibers.; [Isoform 2]: Cytoplasm. Cytoplasm, cytoskeleton.
<b>Tissue Specificity</b>	Isoform 2 is expressed in normal intestinal tissue as well as in colorectal carcinomas.
<b>Function</b>	catalytic activity: ATP + a protein = ADP + a phosphoprotein.; cofactor: Magnesium.; enzyme regulation: Negatively regulated by autophosphorylation on Ser-308.; function: Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.; induction: Up-regulated following treatment with interferon-gamma.; similarity: Belongs to the protein kinase superfamily.; similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily.; similarity: Contains 1 death domain.; similarity: Contains 1 protein kinase domain.; similarity: Contains 10 ANK repeats.; subcellular location: Colocalizes with the actin filament system.;
<b>Background</b>	death associated protein kinase 1(DAPK1) Homo sapiens Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and



2 putative P-loop consensus sites. It is a tumor suppressor candidate. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013],

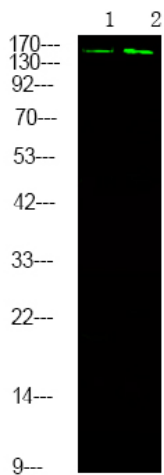
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of 1 HeLa cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000