



DAPK1 (Phospho Ser289) Rabbit pAb

Catalog No	YP-Ab-17323
Isotype	IgG
Reactivity	Human, Mouse
Applications	IHC, WB
Gene Name	DAPK1 DAPK
Protein Name	Death-associated protein kinase 1 (DAP kinase 1) (EC 2.7.11.1)
Immunogen	Synthesized peptide derived from human DAPK1 (Phospho Ser289)
Specificity	This antibody detects endogenous levels of DAPK1 (Phospho Ser289) Rabbit pAb at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Rabbit, polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000 IHC 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Death-associated protein kinase 1 (DAP kinase 1) (EC 2.7.11.1)
Observed Band	157kD
Cell Pathway	[Isoform 1]: Cytoplasm. Cytoplasm, cytoskeleton. Colocalizes with MAP1B in the microtubules and cortical actin fibers.; [Isoform 2]: Cytoplasm. Cytoplasm, cytoskeleton.
Tissue Specificity	Isoform 2 is expressed in normal intestinal tissue as well as in colorectal carcinomas.
Function	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.,
Background	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