



DAPK1 (Phospho-Ser308) Polyclonal Antibody

Catalog No	YP-Ab-10339
Isotype	IgG
Reactivity	Human; Mouse
Applications	IHC;IF;WB
Gene Name	DAPK1 DAPK
Immunogen	Synthesized peptide derived from human DAPK1 (Phospho-Ser308)
Specificity	This antibody detects endogenous phospho levels of DAPK1 (Phospho-Ser308) at Human:S308, Mouse:S308
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200, WB 1:500-2000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DAP kinase 1;DAPK;Death-associated protein kinase 1;EC:2.7.11.1;DAPK1; DAPK1 DAPK;DAPK1 (Phospho-Ser308);Death-associated protein kinase 1 (DAP kinase 1;EC 2.7.11.1)
Observed Band	160kD
Calculated Molecular Weight	160kD
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 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],

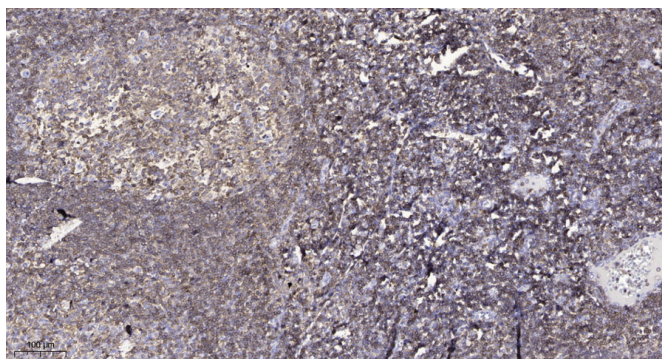
matters needing attention

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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).