

Summary

Production Name	DAPK1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DAPK1
Alternative Names	DAPK1; DAPK; Death-associated protein kinase 1; DAP kinase 1
Gene ID	1612.0
SwissProt ID	P53355.The antiserum was produced against synthesized peptide derived from human DAPK1. AA range:274-323

Application

Dilution Ratio	WB 1:500-2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:5000.Not yet tested in other applications.
Molecular Weight	160kDa

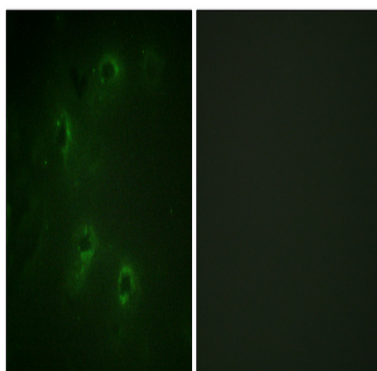
Background

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], 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.,

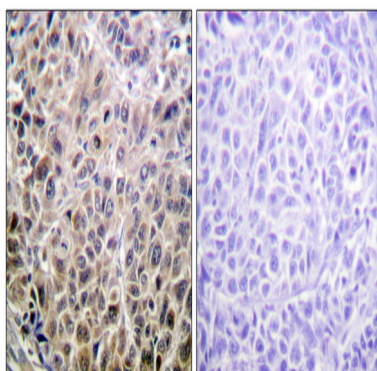
Research Area

Pathways in cancer; Bladder cancer;

Image Data



Immunofluorescence analysis of COS7 cells, using DAPK1 Antibody. The picture on the right is blocked with the synthesized peptide.

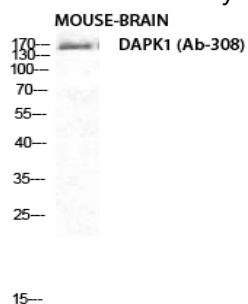


Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using DAPK1 Antibody. The picture on

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Catalog #: APRab09786



the right is blocked with the synthesized peptide.



Western Blot analysis of MOUSE-BRAIN cells using DAPK1 Polyclonal Antibody diluted at 1 : 1000

Note

For research use only.