

Product Name: DAPK1 (phospho Ser308) Rabbit Polyclonal Antibody**Catalog #: APRab04535**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC, ICC/IF, ELISA
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000

Molecular Weight

Antigen Information

Gene Name	DAPK1
Alternative Names	DAPK1; DAPK; Death-associated protein kinase 1; DAP kinase 1
Gene ID	1612.0
SwissProt ID	P53355
Immunogen	The antiserum was produced against synthesized peptide derived from human DAPK1 around the phosphorylation site of Ser308. AA range:274-323

Background

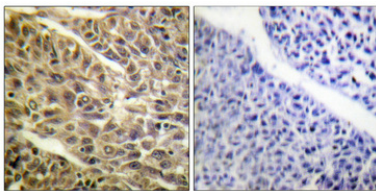
Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced programmed cell death. DAPK1

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



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.