

Product Name: DAPK3 Rabbit Polyclonal Antibody**Catalog #: APRab09789**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
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	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	52kDa

Antigen Information

Gene Name	DAPK3
Alternative Names	DAPK3; ZIPK; Death-associated protein kinase 3; DAP kinase 3; DAP-like kinase; Dlk; MYPT1 kinase; Zipper-interacting protein kinase; ZIP-kinase
Gene ID	1613.0
SwissProt ID	O43293
Immunogen	The antiserum was produced against synthesized peptide derived from human DAPK3. AA range:241-290

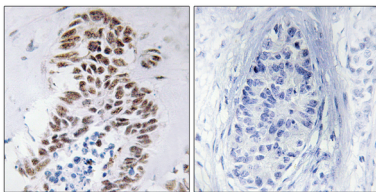
Background

Death-associated protein kinase 3 (DAK3) induces morphological changes in apoptosis when overexpressed in mammalian cells. These results suggest that DAK3 may play a role in the induction of apoptosis. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., function: Serine/threonine kinase which acts as a positive regulator of apoptosis. Phosphorylates histone H3 on 'Thr-11' at centromeres during mitosis., similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily., similarity: Contains 1 protein kinase domain., subcellular location: Relocates to the cytoplasm on binding PAWR where the complex appears to interact with actin filaments (By similarity). Associates to centromeres from prophase to anaphase., subunit: Homodimer or forms heterodimers with ATF4. Both interactions require an intact leucine zipper domain and oligomerization is required for full enzymatic activity. Also binds to DAXX and PAWR, possibly in a ternary complex which plays a role in caspase activation. Interacts with AATF and CDC5L.,

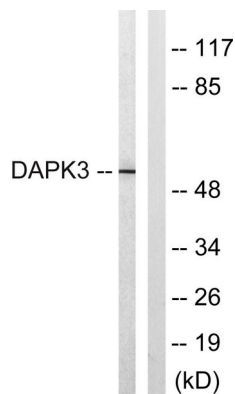
Research Area

Pathways in cancer; Bladder cancer;

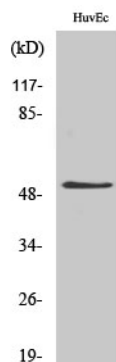
Image Data



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using DAK3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using DAK3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using DAK3 Polyclonal Antibody

