
Product Name: DAPK3 (phospho Thr265) Rabbit Polyclonal Antibody**Catalog #: APRab04537**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
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	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
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 around the phosphorylation site of Thr265. AA range:241-290

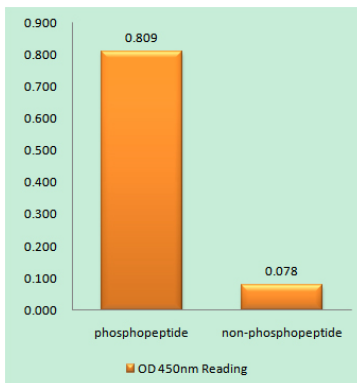
Background

Death-associated protein kinase 3 (DAPK3) induces morphological changes in apoptosis when overexpressed in mammalian cells. These results suggest that DAPK3 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.,

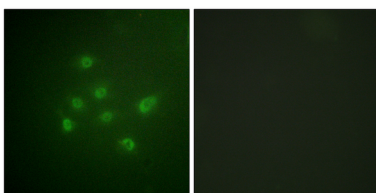
Research Area

Pathways in cancer; Bladder cancer;

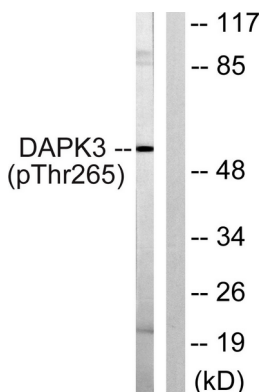
Image Data



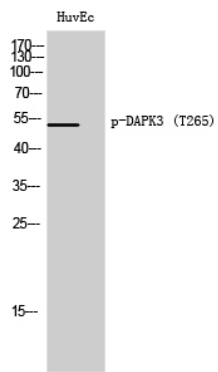
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using DAPK3 (Phospho-Thr265) Antibody



Immunofluorescence analysis of A549 cells, using DAPK3 (Phospho-Thr265) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells, using DAPK3 (Phospho-Thr265) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of HuvEc cells using Phospho-DAPK3 (T265) Polyclonal Antibody