
Summary

Production Name	HIPK4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,IHC,WB,
Reactivity	Human,Mouse,Rat

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	HIPK4
Alternative Names	HIPK4; Homeodomain-interacting protein kinase 4
Gene ID	147746.0
SwissProt ID	Q8NE63.The antiserum was produced against synthesized peptide derived from human HIPK4. AA range:511-560

Application

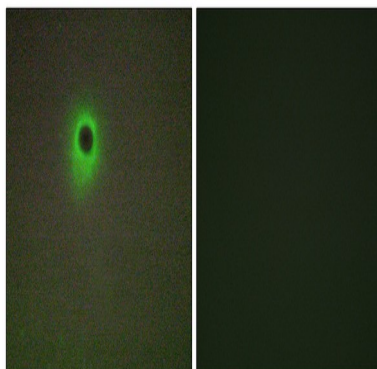
Dilution Ratio	WB 1:500 - 1:2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Molecular Weight	70kD

Background

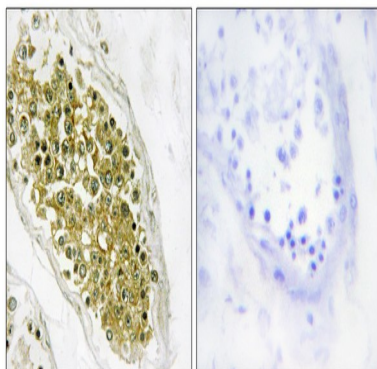
homeodomain interacting protein kinase 4(HIPK4) Homo sapiens This gene encodes a member of the homeodomain interacting protein kinase (HIPK) family of proteins. While other members of this family are found throughout vertebrates, this member is present only in mammals. Compared to other members of this family, the encoded protein lacks a nuclear localization signal and a C-terminal autoinhibitory domain. The encoded protein exhibits kinase activity and may phosphorylate the tumor suppressor protein p53. [provided by RefSeq, Jul 2016],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Protein kinase that phosphorylates human TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter (By similarity). May act as a corepressor of transcription factors .,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. HIPK subfamily.,similarity:Contains 1 protein kinase domain.,

Research Area

Image Data

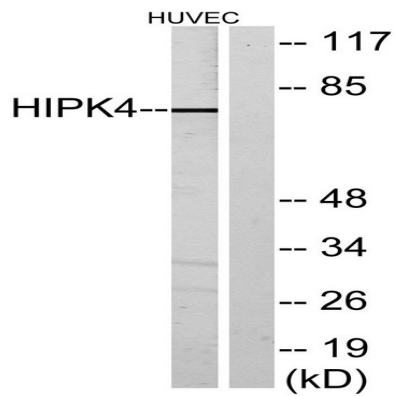


Immunofluorescence analysis of A549 cells, using HIPK4 Antibody. The picture on the right is blocked with the synthesized peptide.

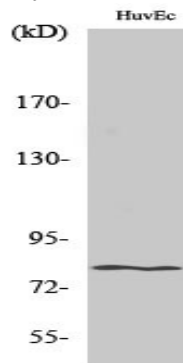


Immunohistochemistry analysis of paraffin-embedded human testis tissue, using HIPK4 Antibody. The picture on the right is blocked with the synthesized peptide.

Product Name: HIPK4 Rabbit Polyclonal Antibody
Catalog #: APRab12036



Western blot analysis of lysates from HUVEC cells, using HIPK4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HIPK4 Polyclonal Antibody

Note

For research use only.