
Product Name: NIFK Rabbit Polyclonal Antibody**Catalog #: APRab14701**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
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 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	34kDa

Antigen Information

Gene Name	MKI67IP MKI67IP; NIFK; NOPP34; MKI67 FHA domain-interacting nucleolar phosphoprotein;
Alternative Names	Nucleolar phosphoprotein Nopp34; Nucleolar protein interacting with the FHA domain of pKI-67; hNIFK
Gene ID	84365.0
SwissProt ID	Q9BYG3
Immunogen	The antiserum was produced against synthesized peptide derived from human NIFK. AA range:200-249

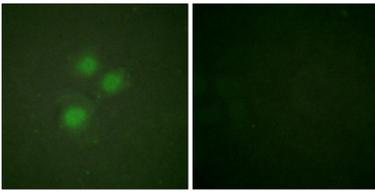
Background

This gene encodes a protein that interacts with the forkhead-associated domain of the Ki-67 antigen. The encoded protein may bind RNA and may play a role in mitosis and cell cycle progression. Multiple pseudogenes exist on chromosomes 5, 10, 12, 15, and 19.[provided by RefSeq, Jan 2009],PTM:Sequentially phosphorylated on Thr-238, Thr-234 and Ser-230. Thr-234 is phosphorylated only when Thr-238 is phosphorylated. Likewise, phosphorylation at Ser-230 requires that Thr-234 and Thr-238 are phosphorylated. Phosphorylation enhances MKI67 binding.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subcellular location:Localizes to mitotic chromosomes in conjunction with MKI67.,subunit:Binds to the FHA domain of MKI67; this interaction is enhanced in mitosis.,

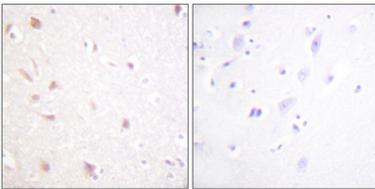
Research Area

Cell Biology; Cell Cycle; Markers

Image Data



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



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