

NIFK Polyclonal Antibody

Catalog No :	YT3127
Reactivity :	Human;Mouse
Applications :	IHC;IF;WB;ELISA
Target :	NIFK
Gene Name :	MKI67IP
Protein Name :	MKI67 FHA domain-interacting nucleolar phosphoprotein
Human Gene Id :	84365
Human Swiss Prot No :	Q9BYG3
Mouse Gene Id :	67949
Mouse Swiss Prot No :	Q91VE6
Immunogen :	The antiserum was produced against synthesized peptide derived from human NIFK. AA range:200-249
Specificity :	NIFK Polyclonal Antibody detects endogenous levels of NIFK protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 34kD

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],

Function : 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.,

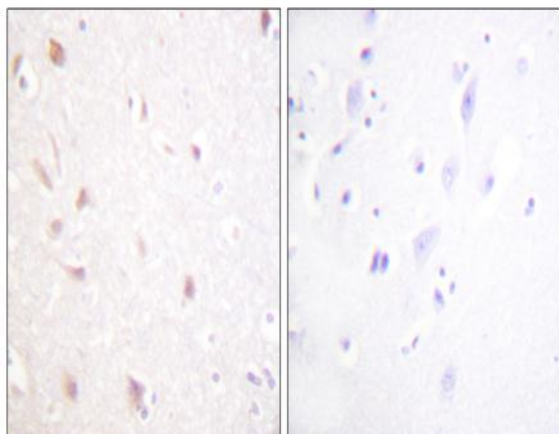
Subcellular Location : Nucleus, nucleolus. Chromosome. Localizes to mitotic chromosomes in conjunction with MKI67.

Expression : Brain,Cervix carcinoma,Epithelium,Lung,Plac

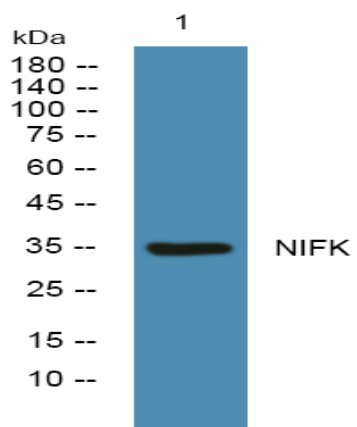
Products Images



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.



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night