

## ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MKI67IP / NIFK phospho (Thr234)
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	Recognizes endogenous levels of MKI67IP / NIFK phospho (Thr234) protein.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MKI67IP / NIFK
Species	Human
Immunogen	KLH-conjugated phosphospecific peptide around Thr234 of Human MKI67IP / NIFK.
Conjugation	Un-conjugated
Alternate Names	MKI67 FHA domain-interacting nucleolar phosphoprotein; Nucleolar phosphoprotein Nopp34; Nucleolar protein interacting with the FHA domain of pK1-67; Nopp34; MKI67IP; hNIFK

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Sodium citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 35 kDa	

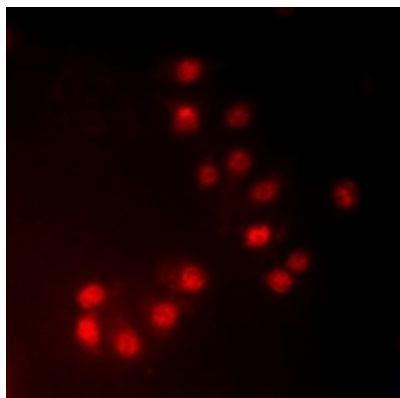
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

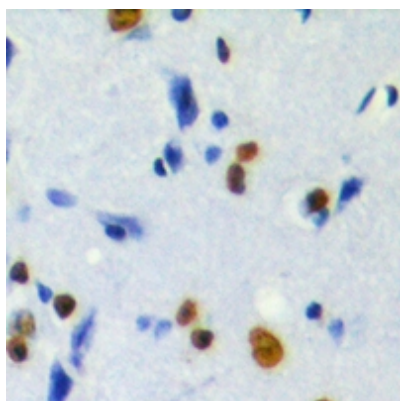
Gene Symbol	NIFK
Gene Full Name	nucleolar protein interacting with the FHA domain of MKI67
Background	This gene encodes a protein that interacts with the forkhead-associated domain of the Ki-67 antigen. The encoded protein may bind RNA and may play a role in mitosis and cell cycle progression. Multiple pseudogenes exist on chromosomes 5, 10, 12, 15, and 19.[provided by RefSeq, Jan 2009]
Calculated Mw	34 kDa
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. [UniProt]
Cellular Localization	Nucleus, nucleolus. Chromosome. Note=Localizes to mitotic chromosomes in conjunction with MKI67. [UniProt]

## Images



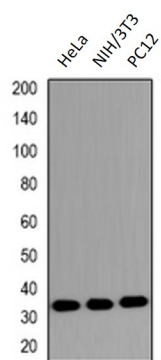
ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody ICC/IF image

Immunofluorescence: Formalin-fixed HeLa cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were stained with ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody (red) in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber.



ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human brain tissue. Antigen Retrieval: Heat mediation was performed in Sodium citrate buffer (pH 6.0). The section was then stained with ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody at RT. The section was counterstained with haematoxylin and mounted with DPX.



ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody WB image

Western blot: HeLa, NIH/3T3 and PC12 whole cell lysates stained with ARG66446 anti-MKI67IP / NIFK phospho (Thr234) antibody.