



Rabbit Anti-phospho-NIFK (Thr238) antibody

SL10402R

Product Name:	phospho-NIFK (Thr238)
Chinese Name:	磷酸化NIFK抗体
Alias:	NIFK (phospho T238); NIFK (phospho Thr238); p-NIFK(T238); p-NIFK(Thr238); hNIFK; MKI67 FHA Domain Interacting Nucleolar Phosphoprotein; MKI67IP; NOPP34; Nucleolar phosphoprotein Nopp34; Nucleolar protein interacting with the FHA domain of pKI 67; pKi67; MK67I HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Pig,Cow,Horse,Rabbit,Sheep,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human NIFK/MKI67IP around the phosphorylation site of Thr238:VC(p-T)PT
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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].

Subunit:

Binds to the FHA domain of MKI67; this interaction is enhanced in mitosis.

Subcellular Location:

Nucleus, nucleolus. Chromosome. Note=Localizes to mitotic chromosomes in conjunction with MKI67.

Post-translational modifications:

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.

SWISS:

Q8TB66

Gene ID:

84365

Database links:

[Entrez Gene: 84365](#) Human

[Entrez Gene: 67949](#) Mouse

[Omim: 611970](#) Human

[SwissProt: Q8TB66](#) Human

[SwissProt: Q9BYG3](#) Human

[SwissProt: Q91VE6](#) Mouse

[Unigene: 367842](#) Human

[Unigene: 280311](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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