



## Rabbit Anti-NIFK antibody

SL7937R

<b>Product Name:</b>	NIFK
<b>Chinese Name:</b>	NIFK蛋白抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Rabbit,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	34kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NIFK:53-150/293
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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

[Omid: 611970](#) Human

[SwissProt: Q8TB66](#) Human

[SwissProt: Q9BYG3](#) Human

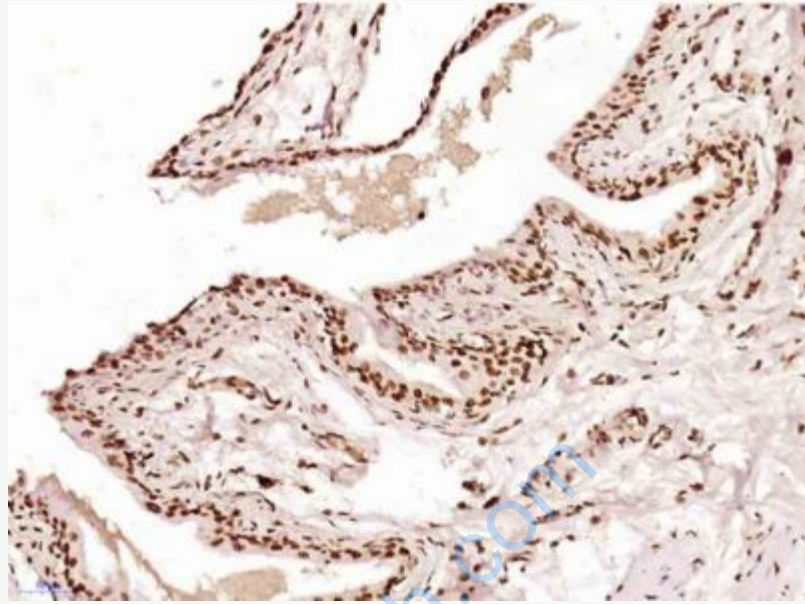
[SwissProt: Q91VE6](#) Mouse

[Unigene: 367842](#) Human

[Unigene: 280311](#) Mouse

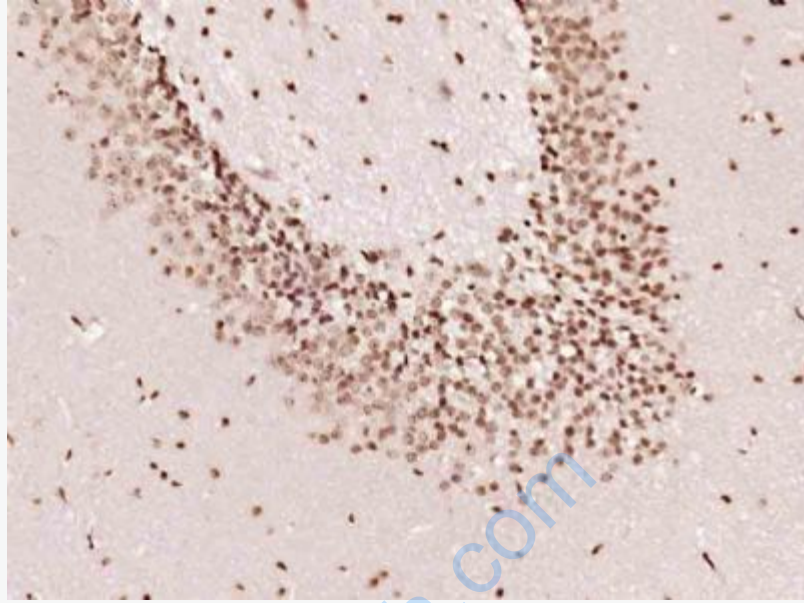
**Important Note:**

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



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Rat bladder); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NIFK) Polyclonal Antibody, Unconjugated (SL7937R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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