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NIFK Rabbit pAb

Catalog # AP98250

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TB66
Other Accession	Q8TB66
Reactivity	Rat
Predicted	Human, Mouse, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NIFK
Epitope Specificity	53-150/293
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 RRM (RNA recognition motif) domain.
SUBUNIT	Binds to the FHA domain of MKI67; this interaction is enhanced in mitosis.
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.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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].

Additional Information

Gene ID	84365
Other Names	MKI67IP; Nopp34; C130020J04Rik; Q8TB66_HUMAN; MK67I_HUMAN; NIFK; Nucleolar phosphoprotein Nopp34; Nucleolar protein interacting with the FHA domain of pKI-67 (hNIFK); MK67I_MOUSE; Nucleolar protein interacting with the FHA domain of pKI-67 (mNIFK); nucleolar protein interacting with the FHA domain of MKI67; MKI67 (FHA domain) interacting nucleolar phosphoprotein; nucleolar protein interacting with the FHA domain of pKi-67
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

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