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Immunotag™ NIFK (phospho Thr234) Polyclonal Antibody

Antibody Specification

Catalog No.	ITP1159
Product Description	Immunotag™ NIFK (phospho Thr234) Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NIFK (Thr234)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,IF,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human NIFK around the phosphorylation site of Thr234. AA range:200-249
Specificity	Phospho-NIFK (T234) Polyclonal Antibody detects endogenous levels of NIFK protein only when phosphorylated at T234.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	MKI67IP
Accession No.	Q9BYG3 Q91VE6
Alternate Names	MKI67IP; NIFK; NOPP34; MKI67 FHA domain-interacting nucleolar phosphoprotein; Nucleolar phosphoprotein Nopp34; Nucleolar protein interacting with the FHA domain of pKI-67; hNIFK

Antibody Specification

Description	nucleolar protein interacting with the FHA domain of MKI67(NIFK) Homo sapiens 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],
Protein Expression	Brain,Cervix carcinoma,Epithelium,Lung,Plac
Subcellular Localization	condensed nuclear chromosome,nucleoplasm,nucleolus,cytoplasm,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.