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Anti-MKI67IP (Phospho-T234) Antibody

Catalog # AP60813

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9BYG3
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34222

Additional Information

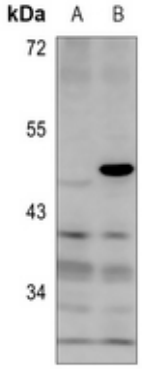
Gene ID	84365
Other Names	MKI67IP; NOPP34; MKI67 FHA domain-interacting nucleolar phosphoprotein; Nucleolar phosphoprotein Nopp34; Nucleolar protein interacting with the FHA domain of pKI-67; hNIFK
Target/Specificity	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T234 of human MKI67IP protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/IC (1/50 - 1/100) IHC~~WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/IC (1/50 - 1/100) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

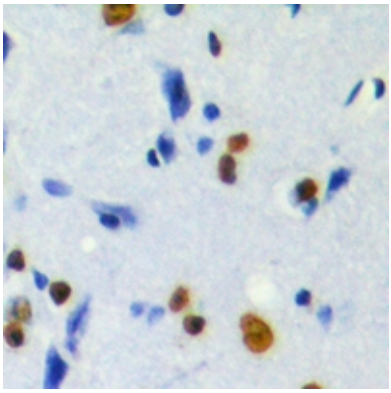
Name	NIFK
Synonyms	MKI67IP, NOPP34
Cellular Location	Nucleus, nucleolus. Chromosome. Note=Localizes to mitotic chromosomes in conjunction with MKI67

Images

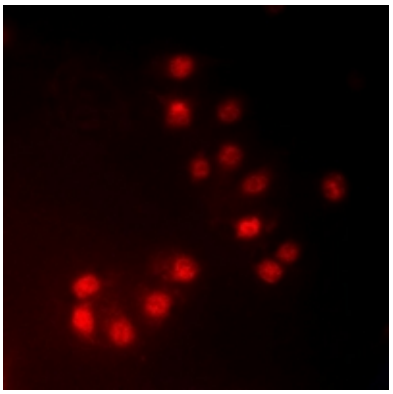
Western blot analysis of MKI67IP (Phospho-T234) expression in HGC27 (A), H446 (B) whole cell lysates.



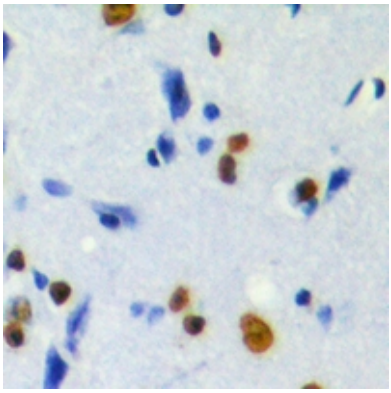
(Predicted band size: 34 kD; Observed band size: 36 kD)



Immunohistochemical analysis of MKI67IP (Phospho-T234) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of MKI67IP (Phospho-T234) staining in HeLa cells. Formalin-fixed 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 probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of MKI67IP (pT234) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.