

For Research Use Only

NUP54 Polyclonal antibody

Catalog Number: 16232-1-AP **6 Publications**



Basic Information

Catalog Number: 16232-1-AP	GenBank Accession Number: BC012559	Purification Method: Antigen affinity purification
Size: 300 ug/ml	GeneID (NCBI): 53371	Recommended Dilutions: WB 1:300-1:2000 IHC 1:200-1:800 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q7Z3B4	
Isotype: IgG	Full Name: nucleoporin 54kDa	
Immunogen Catalog Number: AG8882	Calculated MW: 507 aa, 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, K-562 cells, mouse liver tissue, HepG2 cells, mouse heart tissue, A549 cells IHC : human stomach tissue, IF/ICC : HepG2 cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Melissa Kane	30084827	Elife	WB
Zhaoyu Qin	30971297	J Exp Clin Cancer Res	WB
Fani Panagaki	39036650	Nat Phys	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

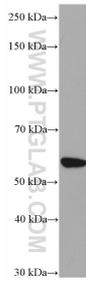
T: 4006900926

E: Proteintech-CN@ptglab.com

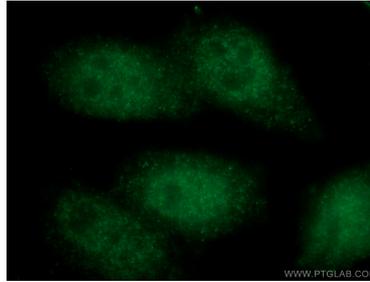
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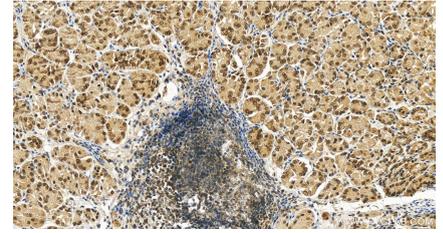
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 16232-1-AP (NUP54 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 16232-1-AP (NUP54 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 16232-1-AP (NUP54 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).