

For Research Use Only

SUB1 Polyclonal antibody

Catalog Number: 10948-2-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 10948-2-AP	GenBank Accession Number: BC009610	Purification Method: Antigen affinity purification
Size: 850 µg/ml	GeneID (NCBI): 10923	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P53999	
Isotype: IgG	Full Name: SUB1 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG1390	Calculated MW: 14 kDa Observed MW: 18-23 kDa	

Applications

Tested Applications: IF/ICC, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, A549 cells IHC : human pancreas cancer tissue, IF : HeLa cells,
Cited Applications: WB, IF, IHC, CoIP	
Species Specificity: human	
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

SUB1 gene encodes activated RNA polymerase II transcriptional coactivator p15, also termed as positive cofactor 4 (PC4) or p14. SUB1 is a sort of general coactivator that functions in assembling and stabilization of transcription complex. It has DNA binding activity and is localized in the nucleus, multiple modification sites of phosphorylation or acetylation may turn it appear slightly shifted molecular weight. Catalog#10948-2-AP is a rabbit polyclonal antibody raised against full-length human SUB1. This antibody recognize 14-16 kDa (P14 or P15), 20 kDa(phospho form) and 30 kDa (Dimer form).

Notable Publications

Author	Pubmed ID	Journal	Application
Hao Wang	38240906	Sci China Life Sci	WB,IHC,IF,CoIP
Li Lu L	22807403	J Cell Biochem	WB
Ho Jiapei J	19086899	J Proteome Res	WB,IHC

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:

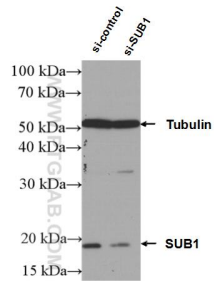
T: 4006900926

E: Proteintech-CN@ptglab.com

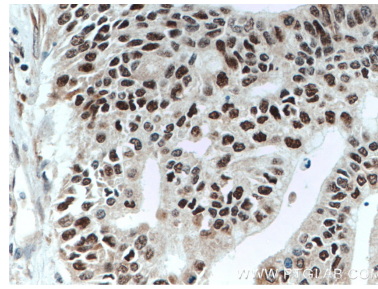
W: ptgcn.com

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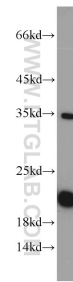
Selected Validation Data



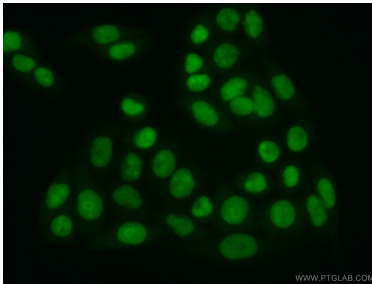
WB result of SUB1 antibody (10948-2-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SUB1 transfected A549 cells.



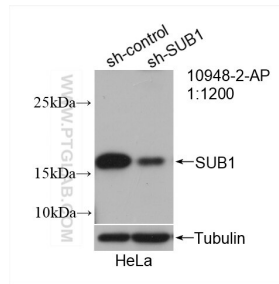
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10948-2-AP (SUB1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



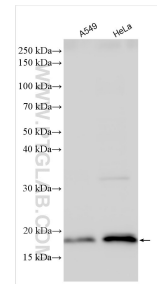
HeLa cells were subjected to SDS PAGE followed by western blot with 10948-2-AP (SUB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 10948-2-AP (SUB1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of SUB1 antibody (10948-2-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-SUB1 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 10948-2-AP (SUB1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.