

For Research Use Only

SUB1 Polyclonal antibody

Catalog Number: 11956-1-AP

Featured Product



Basic Information

Catalog Number:

11956-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 580 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2559

GenBank Accession Number:

BC022339

GeneID (NCBI):

10923

UNIPROT ID:

P53999

Full Name:

SUB1 homolog (S. cerevisiae)

Calculated MW:

14 kDa

Observed MW:

18-23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat liver tissue, HeLa cells, C2C12 cells

IHC : human gliomas tissue,

IF/ICC : HeLa cells,

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#11956-1-AP is a rabbit polyclonal antibody raised against full-length human SUB1. This antibody recognizes 14-16 kDa (P14 or P15), 20 kDa (phospho form) and 30 kDa (Dimer form).

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

*** 20ul sizes contain 0.1% BSA

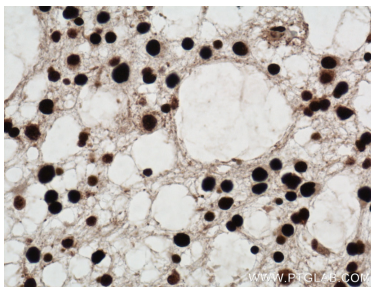
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

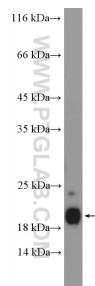
E: proteintech@ptglab.com
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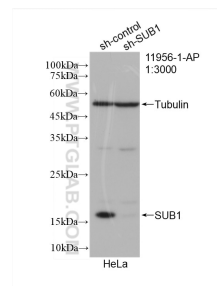
Selected Validation Data



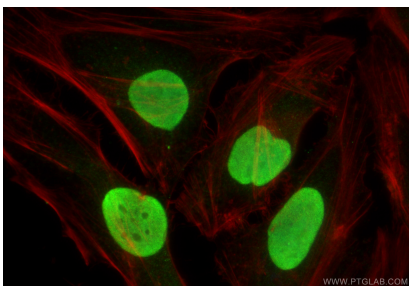
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11956-1-AP (SUB1 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



rat liver tissue were subjected to SDS PAGE followed by western blot with 11956-1-AP (SUB1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of SUB1 antibody (11956-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SUB1 transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SUB1 antibody (11956-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).