

# SUB1 Rabbit pAb

Catalog No.: A7070

1 Publications

## Basic Information

### Observed MW

17kDa

### Calculated MW

14kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,IP,ELISA

### Cross-Reactivity

Human, Mouse

## Background

Enables identical protein binding activity; single-stranded DNA binding activity; and transcription coactivator activity. Involved in negative regulation of DNA metabolic process and regulation of transcription by RNA polymerase II. Located in nucleolus and nucleoplasm. Part of transcription regulator complex.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:100

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

10923

### Swiss Prot

P53999

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

P15; PC4; p14; SUB1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

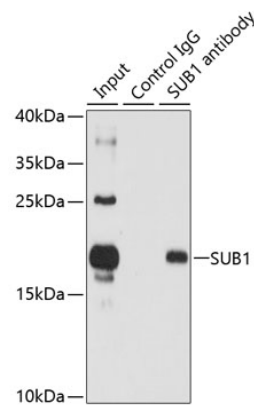
Affinity purification

### Storage

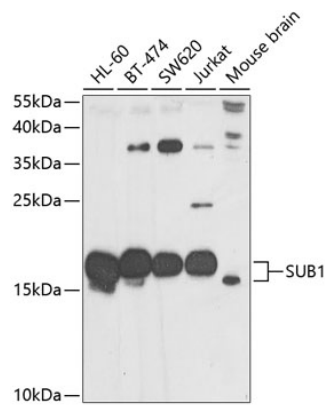
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

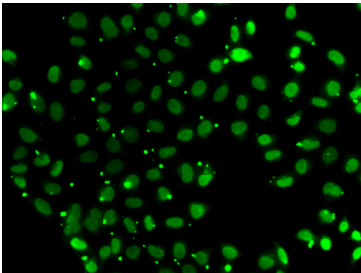
Validation Data



Immunoprecipitation analysis of 150 µg extracts of HL60 cells using 3 µg SUB1 antibody (A7070). Western blot was performed from the immunoprecipitate using SUB1 antibody (A7070) at a dilution of 1:500.



Western blot analysis of various lysates using SUB1 Rabbit pAb (A7070) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of A549 cells using SUB1 Rabbit pAb (A7070).Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.