

SUB1 Rabbit pAb

Catalog NO.: A7070 **1 Publications**

Basic Information

Observed MW

17 kDa

Calculated MW

14 kDa

Category

Polyclonal Antibodies

Applications

WB, IF/ICC, IP, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

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.

Contact

Immunogen Information

Gene ID	Swiss Prot
10923	P53999

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

Synonyms
P15; PC4; p14; SUB1

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

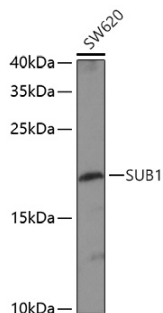
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from SW620 cells using SUB1 Rabbit pAb (A7070) at 1:1000 dilution incubated overnight at 4°C.

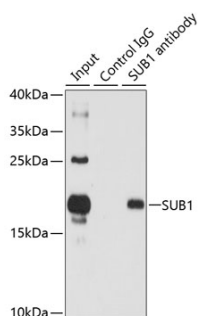
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

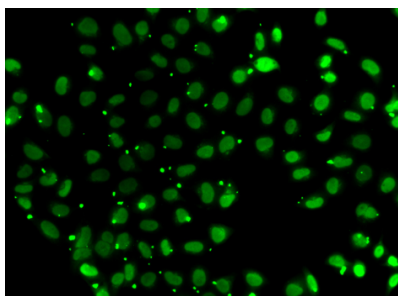
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30 s.



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.



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.