

**SUB1 Antibody(Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19807c****Specification**

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**SUB1 Antibody(Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P53999</a>
Other Accession	<a href="#">O4R947</a> , <a href="#">NP_006704.3</a>
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	14395
Antigen Region	18-47

**SUB1 Antibody(Center) - Additional Information****Gene ID** 10923**Other Names**

Activated RNA polymerase II transcriptional coactivator p15, Positive cofactor 4, PC4, SUB1 homolog, p14, SUB1, PC4, RPO2TC1

**Target/Specificity**

This SUB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-47 amino acids from the Central region of human SUB1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SUB1 Antibody(Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**SUB1 Antibody(Center) - Protein Information****Name** SUB1

**Synonyms** PC4, RPO2TC1

**Function** General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).

**Cellular Location**

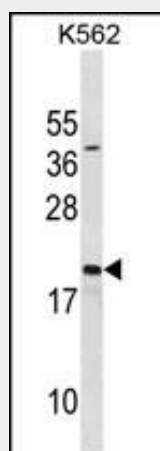
Nucleus.

**SUB1 Antibody(Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SUB1 Antibody(Center) - Images**



SUB1 Antibody (Center) (Cat. #AP19807c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SUB1 antibody detected the SUB1 protein (arrow).

**SUB1 Antibody(Center) - Background**

General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).

**SUB1 Antibody(Center) - References**

- Das, C., et al. J. Mol. Biol. 397(1):1-12(2010)  
Rajagopalan, S., et al. J. Biol. Chem. 284(32):21728-21737(2009)  
Mortusewicz, O., et al. J. Cell Biol. 183(5):769-776(2008)

Batta, K., et al. Mol. Cell. Biol. 27(21):7603-7614(2007)  
Olsen, J.V., et al. Cell 127(3):635-648(2006)