

ARG59257 anti-SUB1 / PC4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SUB1 / PC4
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SUB1 / PC4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-127 of Human SUB1 / PC4 (NP_006704.3).
Conjugation	Un-conjugated
Alternate Names	Positive cofactor 4; Activated RNA polymerase II transcriptional coactivator p15; PC4; p14; P15; SUB1 homolog

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	IP	1:20 - 1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HL60	
Observed Size	16 kDa	

Properties

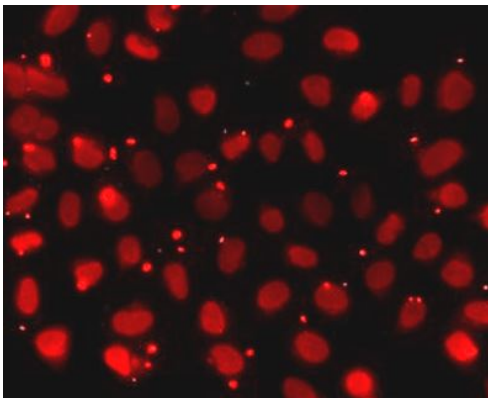
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

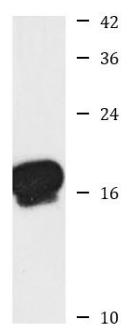
Gene Symbol	SUB1
Gene Full Name	SUB1 homolog, transcriptional regulator
Function	General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA). [UniProt]
Calculated Mw	14 kDa
PTM	Activity is controlled by protein kinases that target the regulatory region. Phosphorylation inactivates both ds DNA-binding and cofactor function, but does not affect binding to ssDNA. Seems to be phosphorylated in vivo by CK2 in at least 7 sites in the N-terminal Ser-rich region. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG59257 anti-SUB1 / PC4 antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG59257 anti-SUB1 / PC4 antibody.



ARG59257 anti-SUB1 / PC4 antibody WB image

Western blot: 25 µg of HL60 cell lysate stained with ARG59257 anti-SUB1 / PC4 antibody at 1:1000 dilution.

ARG59257 anti-SUB1 / PC4 antibody IP image

Immunoprecipitation: 150 µg extracts of HL60 cells were immunoprecipitated and stained with ARG59257 anti-SUB1 / PC4 antibody at 1:500 dilution.

