

ARG64242 anti-FACT / SUPT16H antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FACT / SUPT16H
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FACT / SUPT16H
Species	Human
Immunogen	C-DLTNKEGKKPEEK
Conjugation	Un-conjugated
Alternate Names	Chromatin-specific transcription elongation factor 140 kDa subunit; FACTP140; FACT complex subunit SPT16; SPT16; FACTp140; CDC68; FACT 140 kDa subunit; Facilitates chromatin transcription complex subunit SPT16; SPT16/CDC68; hSPT16

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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	
Database links	GeneID: 11198 Human Swiss-port # Q9Y5B9 Human
Background	Transcription of protein-coding genes can be reconstituted on naked DNA with only the general transcription factors and RNA polymerase II. However, this minimal system cannot transcribe DNA packaged into chromatin, indicating that accessory factors may facilitate access to DNA. One such factor, FACT (facilitates chromatin transcription), interacts specifically with histones H2A/H2B to effect nucleosome disassembly and transcription elongation. FACT is composed of an 80 kDa subunit and a 140 kDa subunit; this gene encodes the 140 kDa subunit. [provided by RefSeq, Feb 2009]
Research Area	Cell Biology and Cellular Response antibody; Gene Regulation antibody; Signaling Transduction antibody
Calculated Mw	120 kDa
PTM	ADP-ribosylated. ADP-ribosylation by PARP1 is induced by genotoxic stress and correlates with dissociation of FACT from chromatin.

Images



ARG64242 anti-FACT / SUPT16H antibody WB image

Western Blot: HeLa cell lysate (35 µg protein in RIPA buffer) stained with ARG64242 anti-FACT / SUPT16H antibody at 0.1 µg/ml dilution.