

Rabbit anti-Human SSRP1 Polyclonal Antibody | anti-SSRP1 antibody

SSRP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231612	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

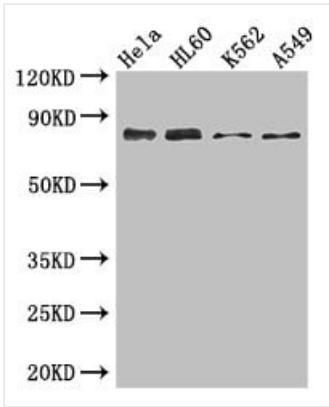
PRODUCT SYNONYMS

SSRP1; Polyclonal Antibody; SSRP1 Antibody; FACT complex subunit SSRP1; Chromatin-specific transcription elongation factor 80 kDa subunit; Facilitates chromatin transcription complex 80 kD; FACT80; anti-SSRP1 antibody

PRODUCT SPECIFICATIONS

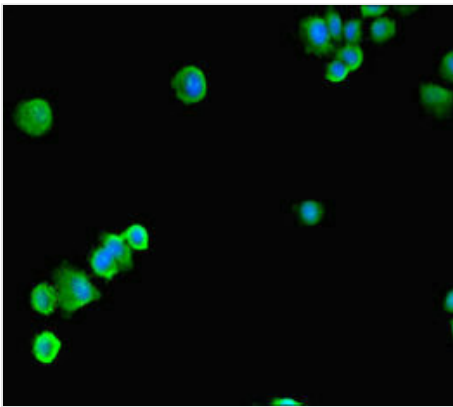
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	709
Applicable Applications for anti-SSRP1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human FACT complex subunit SSRP1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5911 / sc-5909 / sc-25382
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western BlotPositive WB detected in:HeLa whole cell lysate,HL60 whole cell lysate,K562 whole cell lysate,A549 whole cell lysateAll lanes: SSRP1 antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 82 kDaObserved band size: 82 kDa



IF (Immunofluorescence)

Immunofluorescent analysis of HepG-2 cells using AAA231612 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-SSRP1 antibody

Component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA as a template such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II. The FACT complex is probably also involved in phosphorylation of 'Ser-392' of p53/TP53 via its association with CK2 (casein kinase II). Binds specifically to double-stranded DNA and at low levels to DNA modified by the antitumor agent cisplatin. May potentiate cisplatin-induced cell death by blocking replication and repair of modified DNA. Also acts as a transcriptional coactivator for p63/TP63.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507241
NCBI GeneID	6749
NCBI Accession #	NP_003137.1
NCBI GenBank Nucleotide #	NM_003146.2
UniProt Accession #	Q08945; Q5BJG8
Molecular Weight	81,075 Da
NCBI Official Full Name	FACT complex subunit SSRP1
NCBI Official Synonym Full Names	structure specific recognition protein 1
NCBI Official Symbol	SSRP1
NCBI Official Synonym Symbols	FACT; T160; FACT80
NCBI Protein Information	FACT complex subunit SSRP1
UniProt Protein Name	FACT complex subunit SSRP1
UniProt Gene Name	SSRP1
UniProt Synonym Gene Names	FACT80; FACT 80 kDa subunit; FACTp80; hSSRP1
UniProt Entry Name	SSRP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ssrp1-antibody-immunofluorescence-western-blot-elisa/231612>