



[Go to Product page](#)

Datasheet for ABIN7152518
anti-SSRP1 antibody (AA 1-242) (Biotin)

Overview

Quantity:	100 µg
Target:	SSRP1
Binding Specificity:	AA 1-242
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSRP1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human FACT complex subunit SSRP1 protein (1-242AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SSRP1
Alternative Name:	SSRP1 (SSRP1 Products)
Background:	Background: 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

Target Details

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.

Aliases: Chromatin-specific transcription elongation factor 80 kDa subunit antibody, Cisplatin DNA SSRP antibody, Facilitates chromatin remodeling 80 kDa subunit antibody, Facilitates chromatin transcription complex 80 kDa subunit antibody, Facilitates chromatin transcription complex subunit SSRP1 antibody, FACT 80 kDa subunit antibody, FACT complex subunit SSRP1 antibody, FACT80 antibody, FACTp80 antibody, hSSRP1 antibody, Recombination signal sequence recognition protein 1 antibody, Recombination signal sequence recognition protein antibody, SSRP 1 antibody, SSRP1 antibody, SSRP1_HUMAN antibody, Structure specific recognition protein 1 antibody, Structure-specific recognition protein 1 antibody, T160 antibody

UniProt: [Q08945](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.