SSRP1 antibody

Catalog No: #38892

Package Size: #38892-1 50ul   #38892-2 100ul
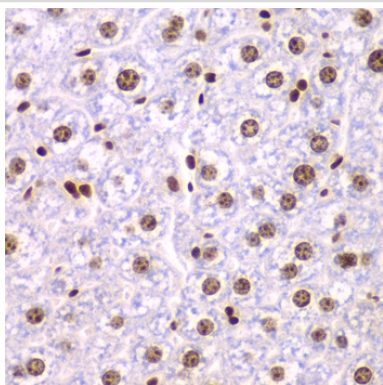
Description

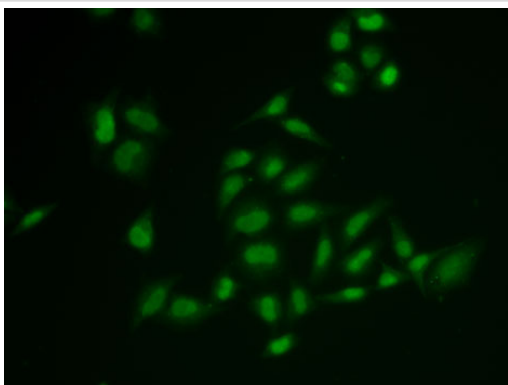|	
Product Name	SSRP1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total SSRP1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SSRP1.
Target Name	SSRP1
Other Names	FACT; T160; FACT80;
Accession No.	Swiss-Prot#: Q08945NCBI Gene ID: 6749
Uniprot	Q08945
GeneID	6749;
SDS-PAGE MW	81kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

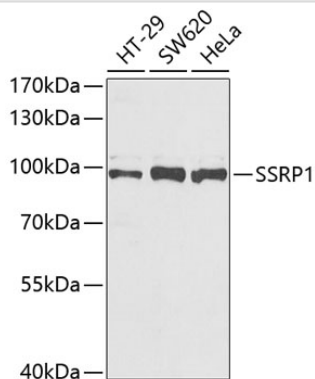WB   1:500 - 1:2000IHC   1:50 - 1:200IF   1:10 - 1:100

Images

Immunohistochemistry of paraffin-embedded mouse liver using SSRP1 at dilution of 1:200 (40x lens).

Immunofluorescence analysis of U2OS cells using SSRP1 .

Western blot analysis of extracts of various cell lines, using SSRP1 at 1:1000 dilution.

Background

The protein encoded by this gene is a subunit of a heterodimer that, along with SUPT16H, forms chromatin transcriptional elongation factor FACT. FACT interacts specifically with histones H2A/H2B to effect nucleosome disassembly and transcription elongation. FACT and cisplatin-damaged DNA may be crucial to the anticancer mechanism of cisplatin. This encoded protein contains a high mobility group box which most likely constitutes the structure recognition element for cisplatin-modified DNA. This protein also functions as a co-activator of the transcriptional activator p63. An alternatively spliced transcript variant of this gene has been described, but its full-length nature is not known.

Note: This product is for in vitro research use only