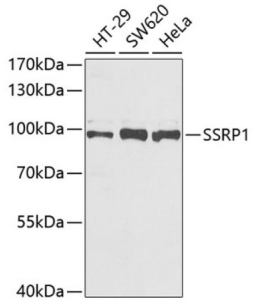
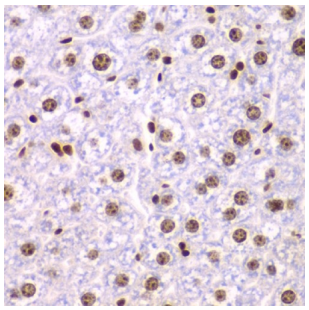
Structure Specific Recognition Protein 1 (SSRP1) Antibody

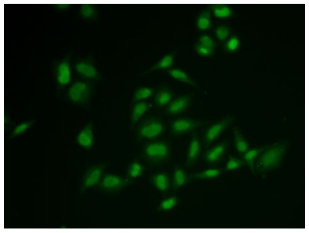
Catalogue No.:abx004907



Western blot analysis of extracts of various cell lines using SSRP1 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Mouse liver using SSRP1 Antibody (1/200 dilution, 40x lens).



Immunofluorescence analysis of U2OS cells using SSRP1 Antibody

SSRP1 Antibody is a Rabbit Polyclonal antibody against SSRP1. 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.

Target:	Structure Specific Recognition Protein 1 (SSRP1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB, IHC, IF/ICC

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/10 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human SSRP1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q08945 (UniProt, ExPASy)
Gene Symbol:	SSRP1
GeneID:	6749
NCBI Accession:	NP_003137.1
KEGG:	hsa:6749
String:	9606.ENSP00000278412
Molecular Weight:	Calculated MW: 81 kDa Observed MW: 98 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
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Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com