Elabscience®

SSRP1 Polyclonal Antibody

Catalog No.	E-AB-64763		**Reactivity**	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.		**Host**	Rabbit
Applications	WB,IHC,IF		**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
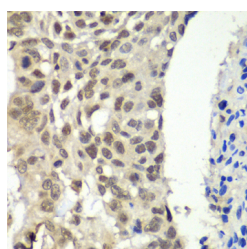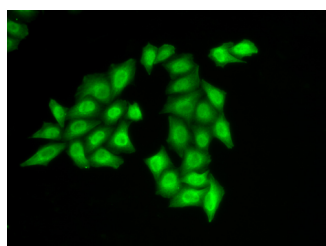
Images
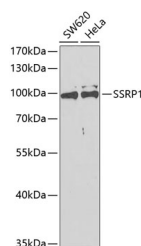
Western blot analysis of extracts of various cell lines using SSRP1 Polyclonal Antibody at dilution of 1:1000.

Immunohistochemistry of paraffin-embedded Human esophageal cancer using SSRP1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunofluorescence analysis of HeLa cells using SSRP1 Polyclonal Antibody

Immunogen Information

Immunogen	Recombinant fusion protein of human SSRP1 (NP_003137.1).
GeneID	6749
Swissprot	Q08945
Synonyms	SSRP1,FACT,FACT80,T160

Product Information

Calculated MW	81kDa
Observed MW	85kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.