

## SSRP1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

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

**Calculated MW:**81kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SSRP1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

fjk

**Synonym:**

FACT; T160; FACT80;

**Catalog #:**A6413

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6749

**Isotype:**IgG

**Swiss Prot:**Q08945

**Purity:**Affinity purification

For research use only.

**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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