

## Product datasheet for **TA329211**

### SSRP1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SSRP1 antibody: synthetic peptide directed towards the middle region of human SSRP1. Synthetic peptide located within the following region: SSSNEGSDRDEKRRKQLKKAKMAKDRKSRKKPVEVKKGKDPNAPKRPMs
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81 kDa
Gene Name:	structure specific recognition protein 1
Database Link:	<a href="#">NP_003137</a> <a href="#">Entrez Gene 6749 Human</a> <a href="#">Q08945</a>



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**Background:**

SSRP1 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. SSRP1 contains a high mobility group box which most likely constitutes the structure recognition element for cisplatin-modified DNA. It also functions as a co-activator of the transcriptional activator p63. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

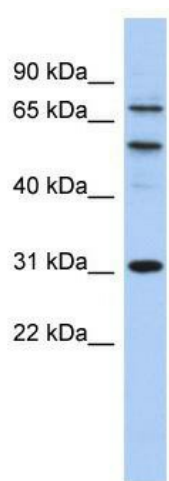
FACT; FACT80; T160

**Note:**

Immunogen sequence homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Rat: 93%; Bovine: 93%; Guinea pig: 93%; Mouse: 92%

**Protein Families:**

Transcription Factors

**Product images:**

WB Suggested Anti-SSRP1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: OVCAR-3 cell lysate SSRP1 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells