

SSRP1 polyclonal antibody

Catalog # PAB10373 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant SSRP1.
Immunogen	Recombinant protein corresponding to amino acids 1-242 of human SSRP1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western blot (5 to 10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.08% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunoprecipitation

Gene Info — SSRP1

Entrez GeneID [6749](#)

Gene Name	SSRP1
Gene Alias	FACT, FACT80, T160
Gene Description	structure specific recognition protein 1
Omim ID	604328
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	chromatin-specific transcription elongation factor 80 kDa subunit cisplatin-DNA SSRP facilitates chromatin remodeling 80 kDa subunit high mobility group box recombination signal sequence recognition protein

Publication Reference

- [A DNA damage-induced p53 serine 392 kinase complex contains CK2, hSpt16, and SSRP1.](#)

Keller DM, Zeng X, Wang Y, Zhang QH, Kapoor M, Shu H, Goodman R, Lozano G, Zhao Y, Lu H.

Molecular Cell 2001 Feb; 7(2):283.