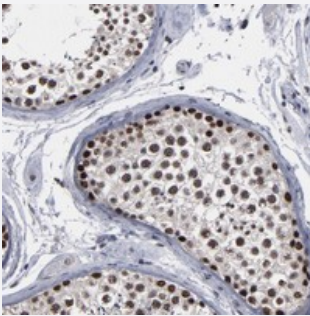


SSRP1 polyclonal antibody

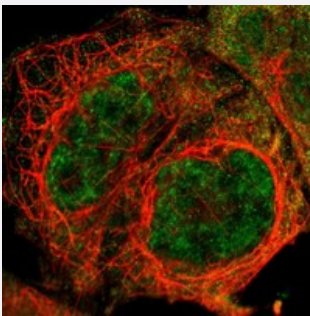
Catalog # PAB20128 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with SSRP1 polyclonal antibody (Cat # PAB20128) shows strong nuclear positivity in cells of seminiferous ducts at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SSRP1 polyclonal antibody (Cat # PAB20128) at 1-4 ug/mL dilution shows positivity in nucleus, cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SSRP1.
Immunogen	Recombinant protein corresponding to amino acids of human SSRP1.
Sequence	DDAEVSLMEVRFYVPPTQEDGVDPVEAFAQNVLSKADVQATGDAICIFRELQCLTPRGRYDIRIYP TFLHLHGKTFDYKIPYTTVLRFLPHKDQRQMFFVISLDPPIKQGQTRYHFLILLFSKDEDISLTLNM NEEEVE
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

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Gene Info — SSRP1

Entrez GeneID	6749
Protein Accession#	Q08945
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