



PRODUCT DATA SHEET

Product: Anti-SPT16, (N-terminal) polyclonal

Cat. No.: PC-203 (100 µg)

Background:

SPT16 and SSRP1 are found in all eukaryotic cells and exists as part of an essential heterodimer complex. Together, SPT16 and SSRP1 form a highly abundant nuclear complex that in mammals has been called FACT, or Facilitates Chromatin Transcription. FACT enhances the processivity of RNA polymerase II through nucleosomes. Evidence also points to a role for FACT in replication, possibly by enhancing DNA polymerase through nucleosomes as well.

Specificity:

Recognizes SPT16

Species Reactivity:

Human and Mouse

Host:

Rabbit

Isotype:

IgG

Immunogen:

Recombinant protein consisting of amino acids 1-329 (N-terminal) of the human SPT16 protein conjugated to GST.

Format:

1 mg/mL in phosphate buffered saline with 0.08% sodium azide.

Storage and Stability:

Store at -20°C. Aliquot to avoid repeat freeze/thaw cycles.

Applications and Suggested Dilutions:

- Western blot: use at 5-10 µg/mL

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.