

## Datasheet: AHP3107

<b>Description:</b>	RABBIT ANTI HUMAN SPT16
<b>Specificity:</b>	SPT16
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
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<b>Product Form</b>	Purified IgG - liquid
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<b>Antiserum Preparation</b>	Antiserum to human SPT16 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative</b>	0.035% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	30% Glycerol

<b>Carrier Free</b>	Yes
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<b>Immunogen</b>	A synthetic peptide containing human SPT16
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<b>External Database Links</b>	
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**UniProt:**

[Q9Y5B9](#)

[Related reagents](#)

**Entrez Gene:**[11198](#) SUPT16H [Related reagents](#)

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**Synonyms** FACT140, FACTP140

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**Specificity** **Rabbit anti Human SPT16 antibody** recognizes FACT complex subunit SPT16.

SPT16 is part of the FACT (facilitates chromatin transcription) complex that specifically interacts with histones H2A/H2B to initiate nucleosome disassembly and transcription elongation ([Abe et al. 2011](#)). SPT16 has been shown to be essential for nucleosome disruption and assembly on individual rDNA genes. Mutations in SPT16 result in defective nucleosome disruption and inability to fully activate pol I transcription when cells exit the S phase of the cell cycle ([Johnson et al. 2013](#)).

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3107>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)**North & South America** Tel: +1 800 265 7376

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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