

Mouse anti-Human Supt5H/SPT5 Antibody | anti-Supt5H/SPT5 antibody

AbFlex Supt5H/SPT5 antibody (rAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60296	Mouse	Human	Western Blot, Immunoprecipitation

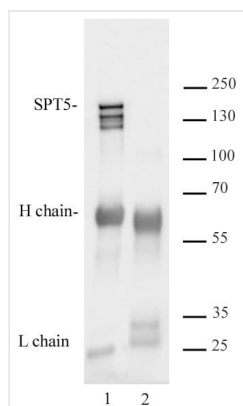
PRODUCT SYNONYMS

Supt5H/SPT5; AbFlex Supt5H/SPT5 antibody (rAb); SPT5 Homolog; DSIF Elongation Factor Subunit; DSIF Large Subunit; Transcription Elongation Factor SPT5; anti-Supt5H/SPT5 antibody

PRODUCT SPECIFICATIONS

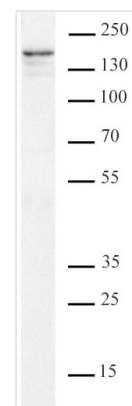
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Purity/Purification	Protein A Chromatography
Form/Format	140mM Hepes, pH7.5, 70mM NaCl, 32mM NaOAc, 0.035% sodium azide, and 30% glycerol. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-Supt5H/SPT5 antibody	WB (Western Blot), IP (Immunoprecipitation)
Antibody Type	Recombinant Antibody
Immunogen	This antibody was raised against a synthetic peptide derived from the human SPT5 C-terminal region.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

AbFlex Supt5H/SPT5 antibody tested by Immunoprecipitation. 4 ug of antibody was used to immunoprecipitate Supt5H/SPT5 from 500 ug of HeLa whole cell extract, which was then run on SDS-PAGE and probed with the same antibody at 2 u/ml. Tween-20 at 0.05% was added to blocking buffers to perform Western blot and reduce background.



SDS-PAGE

AbFlex Supt5H/SPT5 antibody tested by Western blot. 20 ug of HeLa whole cell extract was run on SDS-PAGE and probed with AbFlex Supt5H/SPT5 antibody at 2 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Supt5H/SPT5 antibody	Short Description: AbFlex antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6xHis-tag, a Biotinylation Tag for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. Our AbFlex Supt5H/SPT5 antibody (rAb) was raised in a Mouse host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: AbFlex antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6xHis-tag, a Biotinylation Tag for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. AbFlex Supt5H/SPT5 was expressed as full-length IgG with mouse immunoglobulin heavy and light chains (IgG2a isotype) in CHO cells. SUPT5H (SPT5 Homolog, DSIF Elongation Factor Subunit) is a transcription elongation factor which regulates mRNA processing and transcription elongation by RNA polymerase II. SUPT5H positively regulates mRNA capping by stimulating the mRNA guanylyltransferase activity of RNGTT/CAP1A. SUPT5H also acts cooperatively with the negative elongation factor complex (NELF complex) to enhance transcriptional pausing at sites proximal to the promoter. Diseases associated with SUPT5H include HIV-1. Among its related pathways are mRNA capping and HIV life cycle.
Product Categories/Family for anti-Supt5H/SPT5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	140kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/supt5h-spt5/60296>