

Rabbit anti-Human SUPT3H Polyclonal Antibody | anti-SUPT3H antibody

SUPT3H Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321062	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

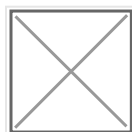
PRODUCT SYNONYMS

SUPT3H; Polyclonal Antibody; SUPT3H Antibody; Positive regulator of Ty transcription; SPT3; SPT3 like protein; Spt3p; Transcription initiation protein SPT3 homolog; YDR392W; anti-SUPT3H antibody

PRODUCT SPECIFICATIONS

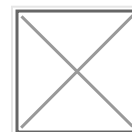
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SUPT3H antibody detects endogenous levels of SUPT3H
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-SUPT3H antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SUPT3H
Subcellular Location	Nucleus
Tissue Specificity	Expressed in all tissues tested including pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and heart.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Zebrafish (100%), Bovine (91%), Horse (82%), Sheep (91%), Rabbit (82%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321062 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on HuvEc cell lysate using SUPT3H Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SUPT3H antibody	Description: SUPT3H Probable transcriptional activator. Component of the PCAF complex, at least composed of TADA2L/ADA2, SUPT3H, TADA3L/ADA3, TAF5L/PAF65-beta, TAF6L/PAF65-alpha, TAF10/TAFII30, TAF12/TAFII20, TAF9/TAFII31 and TRRAP. Associates with TAFII31 and GCN5L2. Component of the TFTC-HAT complex, at least composed of TAF5L, TAF6L, TADA3L, SUPT3H/SPT3, TAF2/TAFII150, TAF4/TAFII135, TAF5/TAFII100, GCN5L2/GCN5, TAF10 and TRRAP. Component of the STAGA transcription coactivator-HAT complex, at least composed of SUPT3H, GCN5L2, TAF5L, TAF6L, SUPT7L, TADA3L, TAD1L, TAF10, TAF12, TRRAP and TAF9. Function: Probable transcriptional activator. Subunit Structure: Component of the PCAF complex, at least composed of TADA2L/ADA2, SUPT3H, TADA3L/ADA3, TAF5L/PAF65-beta, TAF6L/PAF65-alpha, TAF10/TAFII30, TAF12/TAFII20, TAF9/TAFII31 and TRRAP. Associates with TAFII31 and GCN5L2. Component of the TFTC-HAT complex, at least composed of TAF5L, TAF6L, TADA3L, SUPT3H/SPT3, TAF2/TAFII150, TAF4/TAFII135, TAF5/TAFII100, GCN5L2/GCN5, TAF10 and TRRAP. Component of the STAGA transcription coactivator-HAT complex, at least composed of SUPT3H, GCN5L2, TAF5L, TAF6L, SUPT7L, TADA3L, TAD1L, TAF10, TAF12, TRRAP and TAF9. The STAGA core complex is associated with a subcomplex required for histone deubiquitination composed of ATXN7L3, ENY2 and USP22. Similarity: Belongs to the SPT3 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507309
NCBI GeneID	8464
NCBI Accession #	NP_003590.1
NCBI GenBank Nucleotide #	NM_003599.3
UniProt Accession #	O75486; O76066; Q5TAV9; Q86VN7; A6NKG9; B2R9Q5
Molecular Weight	Observed: 50 kDa Predicted: 36 kDa
NCBI Official Full Name	transcription initiation protein SPT3 homolog isoform 1
NCBI Official Synonym Full Names	SPT3 homolog, SAGA and STAGA complex component
NCBI Official Symbol	SUPT3H
NCBI Official Synonym Symbols	SPT3; SPT3L
NCBI Protein Information	transcription initiation protein SPT3 homolog
UniProt Protein Name	Transcription initiation protein SPT3 homolog
UniProt Gene Name	SUPT3H
UniProt Synonym Gene Names	SPT3

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.