

Product Name: KD-Validated SUPT5H Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01286

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 121.0kDa

Antigen Information

Gene Name	SUPT5H SUPT5H; SPT5 Homolog, DSIF Elongation Factor Subunit; SPT5H; SPT5; DRB Sensitivity-Inducing Factor 160 KDa Subunit; DRB Sensitivity-Inducing Factor Large Subunit;
Alternative Names	Transcription Elongation Factor SPT5; Tat-Cotransactivator 1 Protein; DSIF Large Subunit; DSIF P160; FLJ34157; HSPT5; Suppressor Of Ty 5 Homolog (S. Cerevisiae); Suppressor Of Ty (S.Cerevisiae) 5 Homolog; Suppressor Of Ty 5 Homolog; Tat-CT1 Protein; Tat-CT1
Gene ID	6829.0
SwissProt ID	O00267
Immunogen	A synthesized peptide derived from human SUPT5H

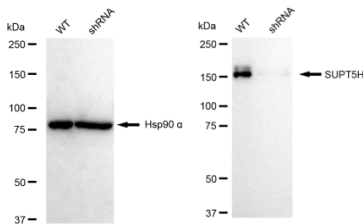
Background

Enables enzyme binding activity and protein heterodimerization activity. Involved in positive regulation of macroautophagy; regulation of DNA-templated transcription; and transcription elongation by RNA polymerase II. Located in nucleoplasm. Part of DSIF complex. [provided by Alliance of Genome Resources, Jul 2025]

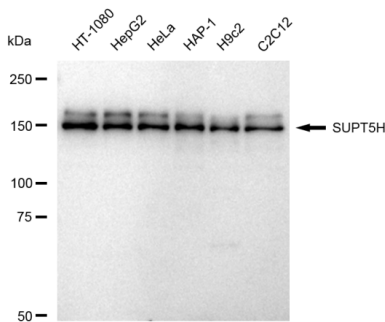
Research Area

Epigenetics and Nuclear Signaling

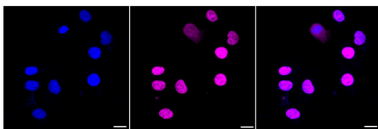
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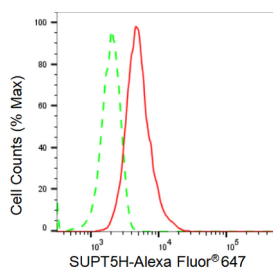
Western blotting analysis using SUPT5H antibody (KVA01286). SUPT5H expression in wild type (WT) and SUPT5H shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SUPT5H antibody (KVA01286, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using SUPT5H antibody (KVA01286). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SUPT5H antibody (KVA01286, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with SUPT5H antibody (KVA01286, 1:1,000). Nuclei were stained blue with DAPI; SUPT5H was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: High. Scale bar: 20 µm.



Flow cytometric analysis of SUPT5H expression in HT-1080 cells using SUPT5H antibody (KVA01286, 1:2,000). Green, isotype control; red, SUPT5H.