

SUPT5H/SPT5 Rabbit mAb

Catalog No.: A19225 **Recombinant**

Basic Information

Observed MW

150kDa

Calculated MW

121kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2380

Background

Enables enzyme binding activity and protein heterodimerization activity. Involved in positive regulation of macroautophagy; regulation of RNA metabolic process; and transcription elongation from RNA polymerase II promoter. Located in nucleoplasm. Part of DSIF complex.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

6829

Swiss Prot

O00267

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 800-900 of human SUPT5H/SPT5 (O00267).

Synonyms

SPT5; SPT5H; Tat-CT1; SUPT5H/SPT5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

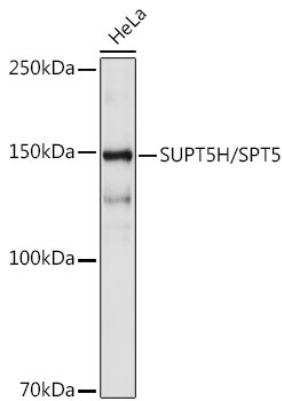
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using SUPT5H/SPT5 Rabbit mAb (A19225) at 1:1000 dilution.

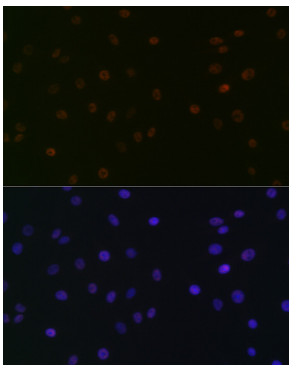
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

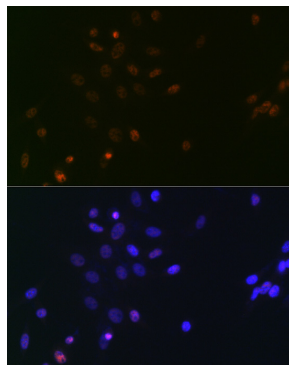
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

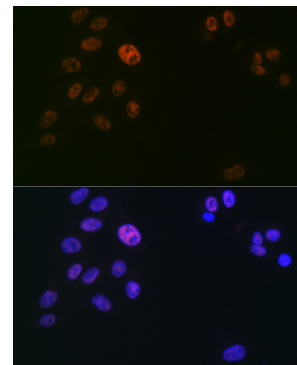
Exposure time: 10s.



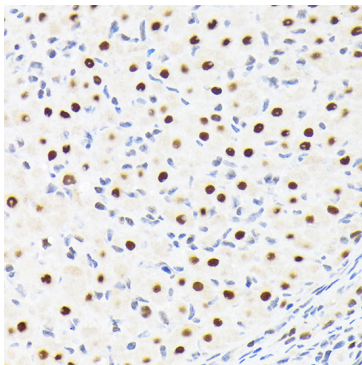
Immunofluorescence analysis of C6 cells using SUPT5H/SPT5 Rabbit mAb (A19225) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



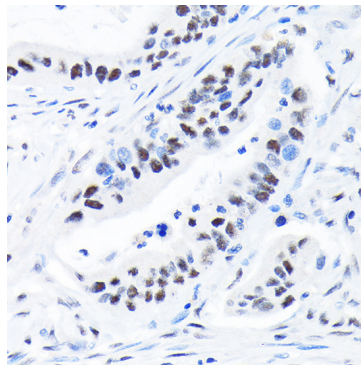
Immunofluorescence analysis of NIH/3T3 cells using SUPT5H/SPT5 Rabbit mAb (A19225) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using SUPT5H/SPT5 Rabbit mAb (A19225) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded rat ovary using SUPT5H/SPT5 Rabbit mAb (A19225) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using SUPT5H/SPT5 Rabbit mAb (A19225) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.