

AP42207PU-N**Polyclonal Antibody to SUPT5H - Aff - Purified****Alternate names:**

DRB sensitivity-inducing factor large subunit, DSIF p160, DSIFp160, SPT5, SPT5H, Tat-CT1 protein, Tat-cotransactivator 1 protein, Transcription elongation factor SPT5

Quantity:

50 µg

Background:

SUPT5H and its binding partner regulate transcriptional elongation by RNA polymerase II. SPT4 and SPT5 are involved in both 5,6-dichloro-1-beta-D-ribofuranosylbenzimidazole (DRB)-mediated transcriptional inhibition and the activation of transcriptional elongation by the human immunodeficiency virus type 1 (HIV-1) Tat protein.

Uniprot ID:

[O00267](#)

NCBI:

[NP_003160](#)

GenelD:

[6829](#)

Host:

Rabbit

Immunogen:

The immunogen for anti-SUPT5H antibody: synthetic peptide directed towards the C terminal of human SUPT5H

AA Sequence:

PYAAPSPQGSYQSPSPQSYHQVAPSPAGYQNTHTSPASYHPTSPMAYQA

Format:

State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Purification: Purified using peptide immunoaffinity column

Applications:

Western blotting (0.2 - 1 µg/ml)

Immunohistochemistry on paraffin embedded sections (2 - 8 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Species Reactivity:

Tested: Human

Expected from sequence similarity: Mouse, Rat, Dog, Bovine, African clawed frog, Chicken, Zebrafish

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

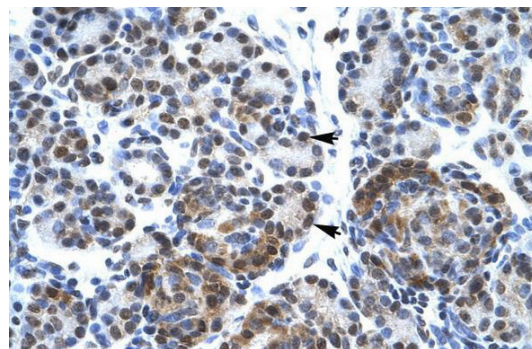
Bourgeois, C.F., et al., (2002) Mol. Cell. Biol. 22 (4), 1079-1093

Pictures:

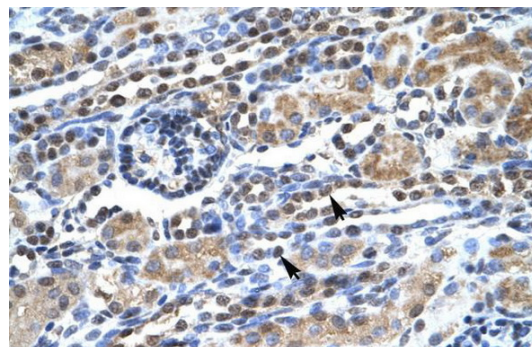
WB Suggested Anti-SUPT5H Antibody
Titration: 0.2-1 ug/ml; ELISA Titer:
1:62500; Positive Control: HepG2 cell
lysate



Human Pancreas



Human kidney



Rabbit Anti-SUPT5H Antibody; Paraffin
Embedded Tissue: Human alveolar cell;
Cellular Data: Epithelial cells of renal
tubule; Antibody Concentration: 4.0-8.0
ug/ml; Magnification: 400X

