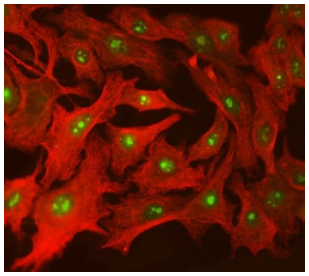
SPT5 Antibody / SUPT5H (RQ7104)

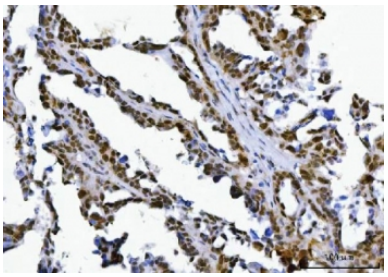
Catalog No.	Formulation	Size
RQ7104	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

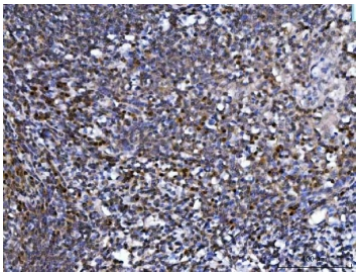
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O00267
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SPT5 antibody is available for research use only.



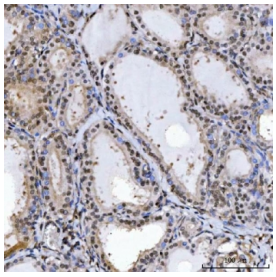
Immunofluorescent staining of FFPE human A549 cells with SPT5 antibody (green) and beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



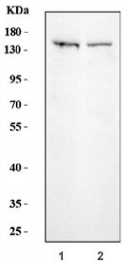
IHC staining of FFPE human ovarian serous carcinoma tissue with SPT5 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



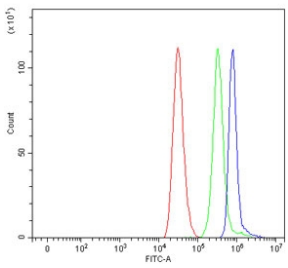
IHC staining of FFPE human tonsil tissue with SPT5 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human thyroiditis tissue with SPT5 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HeLa and 2) mouse RAW264.7 cell lysate with SPT5 antibody. Predicted molecular weight ~121 but commonly observed at up to ~160 kDa.



Flow cytometry testing of human ThP-1 cells with SPT5 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SPT5 antibody.

Description

Transcription elongation factor SPT5 is a protein that in humans is encoded by the SUPT5H gene. 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.

Application Notes

Optimal dilution of the SPT5 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q533-A1087) was used as the immunogen for the SPT5 antibody.

Storage

After reconstitution, the SPT5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.