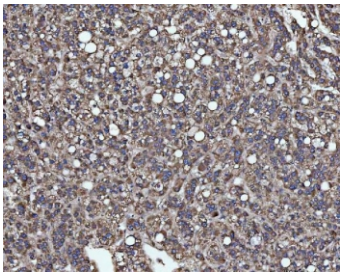
SLU7 Antibody / Pre-mRNA-splicing factor SLU7 (RQ7254)

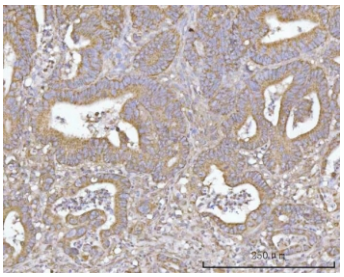
Catalog No.	Formulation	Size
RQ7254	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

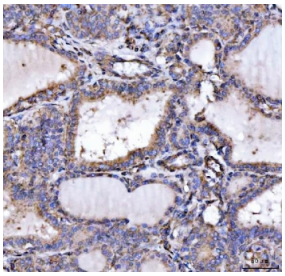
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95391
Localization	Cytoplasmic, nuclear
Applications	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 SLU7 antibody is available for research use only.



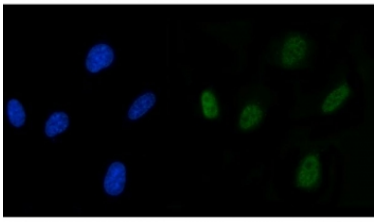
IHC staining of FFPE human liver cancer tissue with SLU7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



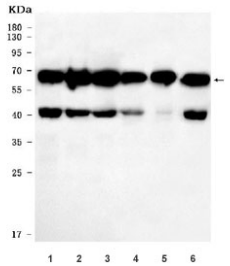
IHC staining of FFPE human colorectal adenocarcinoma tissue with SLU7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



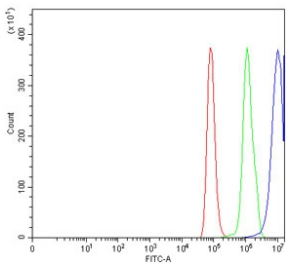
IHC staining of FFPE human thyroid cancer tissue with SLU7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



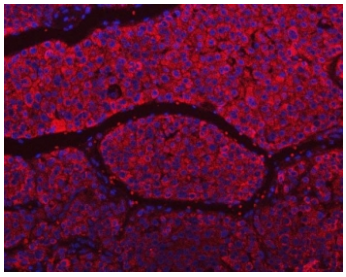
Immunofluorescent staining of FFPE human U-87 MG cells with SLU7 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) 293T, 3) K562, 4) U-87 MG, 5) T-47D and 6) SH-SY5Y cell lysate with SLU7 antibody. Predicted molecular weight ~68 kDa.



Flow cytometry testing of human HeLa cells with SLU7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SLU7 antibody.



Immunofluorescent staining of FFPE human liver cancer tissue with SLU7 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Pre-mRNA-splicing factor SLU7 is a protein that in humans is encoded by the SLU7 gene. Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is a splicing factor that has been found to be essential during the second catalytic step in the pre-mRNA splicing process. It associates with the spliceosome and contains a zinc knuckle motif that is found in other splicing factors and is involved in protein-nucleic acid and protein-protein interactions.

Application Notes

Optimal dilution of the SLU7 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q42-I474) was used as the immunogen for the SLU7 antibody.

Storage

After reconstitution, the SLU7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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