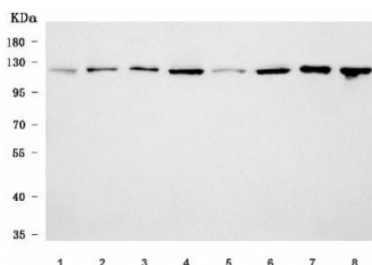


SF3a120 Antibody / Splicing factor 3A subunit 1 / SF3A1 (RQ7633)

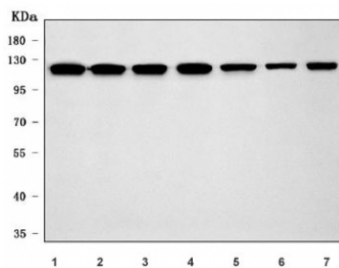
Catalog No.	Formulation	Size
RQ7633	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

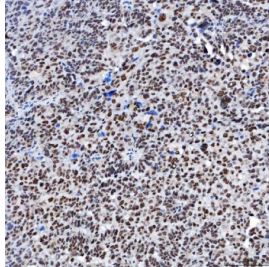
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q15459
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This SF3a120 antibody is available for research use only.



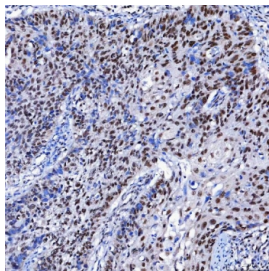
Western blot testing of 1) rat lung, 2) rat brain, 3) rat thymus, 4) rat C6, 5) mouse lung, 6) mouse brain, 7) mouse thymus and 8) mouse Neuro-2a cell lysate with SF3a120 antibody. Predicted molecular weight ~89 kDa but commonly observed at ~120 kDa.



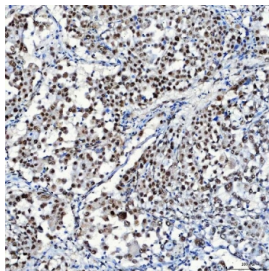
Western blot testing of human 1) HeLa, 2) Jurkat, 3) K562, 4) 293T, 5) U-251, 6) Daudi and 7) MOLT4 cell lysate with SF3a120 antibody. Predicted molecular weight ~89 kDa but commonly observed at ~120 kDa.



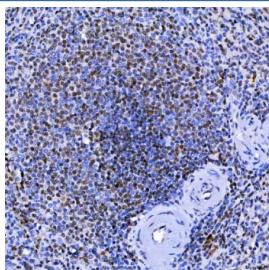
IHC staining of FFPE human ovarian serous cancer tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



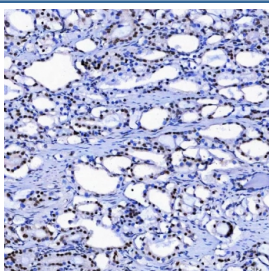
IHC staining of FFPE human larynx squamous cell carcinoma tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



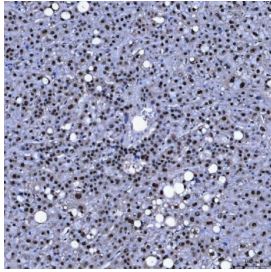
IHC staining of FFPE human lung adenocarcinoma tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



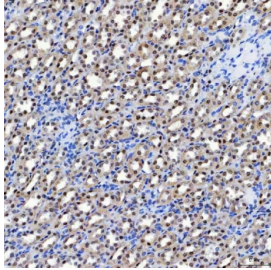
IHC staining of FFPE human spleen tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



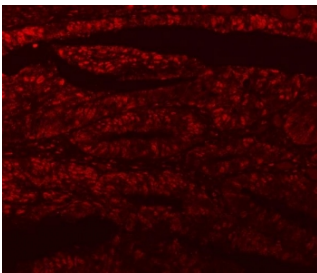
IHC staining of FFPE human prostate adenocarcinoma tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat kidney tissue with SF3a120 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human intestinal cancer tissue with SF3a120 antibody. HIER: steam section in pH8 EDTA buffer for 20 min.

Description

Splicing factor 3 subunit 1 is a protein that in humans is encoded by the SF3A1 gene. This gene encodes a subunit of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer is a component of the mature U2 small nuclear ribonucleoprotein particle (snRNP). U2 small nuclear ribonucleoproteins play a critical role in spliceosome assembly and pre-mRNA splicing.

Application Notes

Optimal dilution of the SF3a120 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids K20-Q556) was used as the immunogen for the SF3a120 antibody.

Storage

After reconstitution, the SF3a120 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

