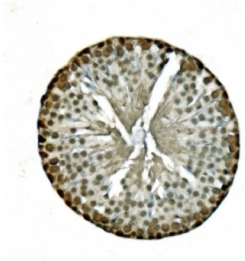
LSM8 Antibody (RQ6143)

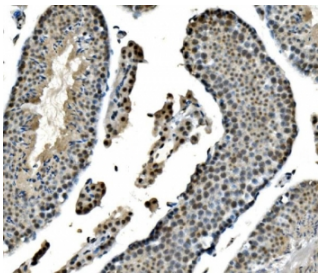
Catalog No.	Formulation	Size
RQ6143	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

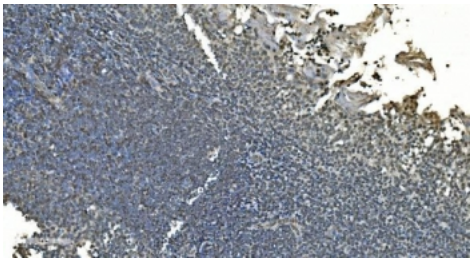
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O95777
Localization	Nuclear
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This LSM8 antibody is available for research use only.



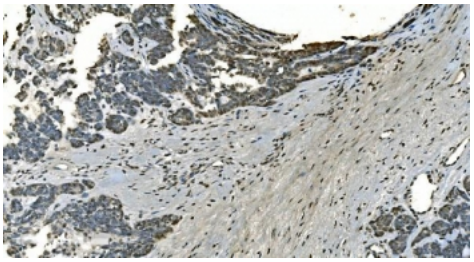
IHC staining of FFPE rat testis with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse testis with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



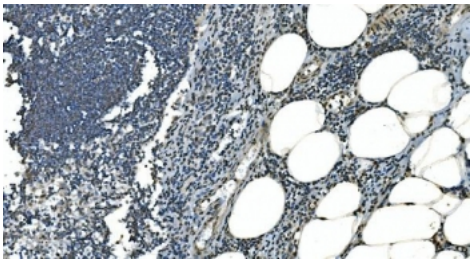
IHC staining of FFPE human tonsil with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



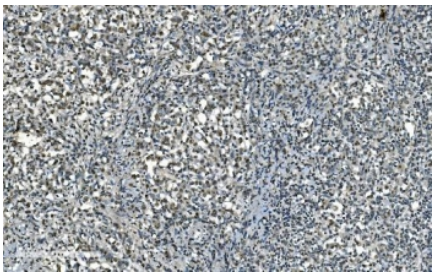
IHC staining of FFPE human ovarian cancer with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



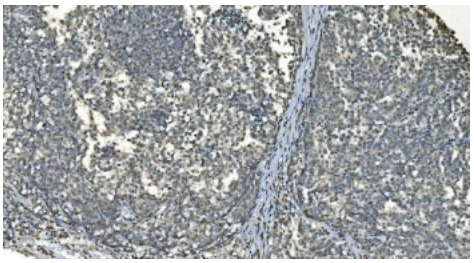
IHC staining of FFPE human skin cancer with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



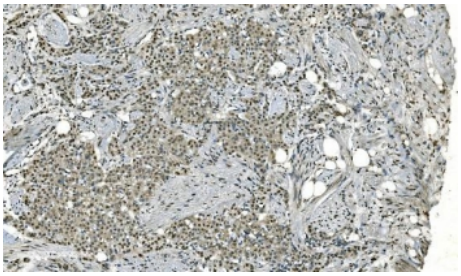
IHC staining of FFPE human appendicitis tissue with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



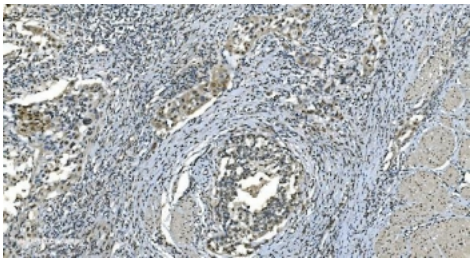
IHC staining of FFPE human gastric cancer with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



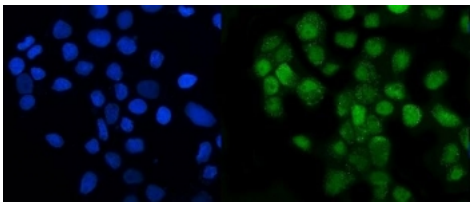
IHC staining of FFPE human melanoma tissue with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



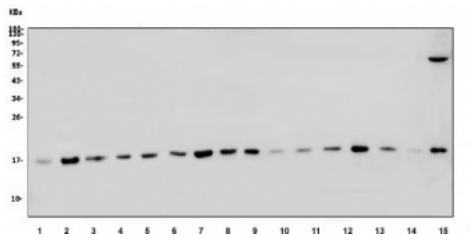
IHC staining of FFPE human renal carcinoma with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



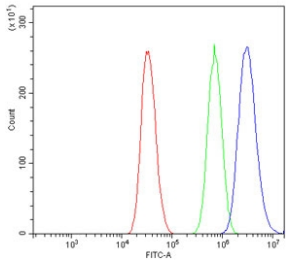
IHC staining of FFPE human bladder cancer with LSM8 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human A431 cells with LSM8 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) HL60, 3) HepG2, 4) U937, 5) Jurkat, 6) Raji, 7) ThP-1, 8) K562, 9) rat testis, 10) rat lung, 11) rat liver, 12) rat pancreas, 13) mouse testis, 14) mouse lung, 15) mouse liver and 16) mouse HEPA1-6 lysate with LSM8 antibody. Predicted molecular weight ~11 kDa.



Flow cytometry testing of human A431 cells with LSM8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= LSM8 antibody.

Description

U6 snRNA-associated Sm-like protein LSm8 is a protein that in humans is encoded by the LSM8 gene. This gene encodes a member of the like-Sm family of proteins. The encoded protein consists of a closed barrel shape, made up of five anti-parallel beta strands and an alpha helix. This protein partners with six paralogs to form a heteroheptameric ring

which transiently binds U6 small nuclear RNAs and is involved in the general maturation of RNA in the nucleus.

Application Notes

Optimal dilution of the LSM8 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids M1-H96) was used as the immunogen for the LSM8 antibody.

Storage

After reconstitution, the LSM8 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.