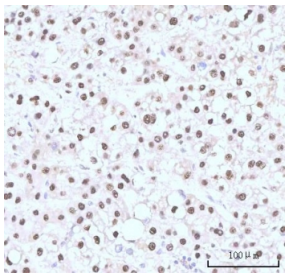
Nesprin 3 Antibody / SYNE3 (RQ7746)

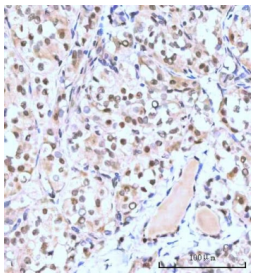
Catalog No.	Formulation	Size
RQ7746	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

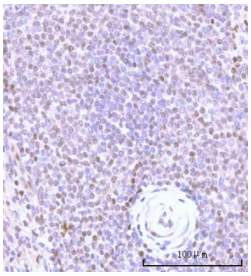
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6ZMZ3
Localization	Nuclear, cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Nesprin 3 antibody is available for research use only.



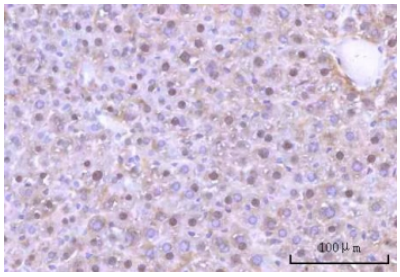
IHC staining of FFPE human liver cancer tissue with Nesprin 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



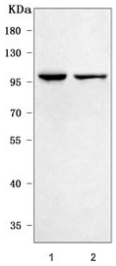
IHC staining of FFPE human thyroid papillary carcinoma tissue with Nesprin 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



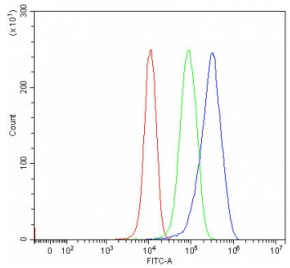
IHC staining of FFPE human spleen rupture tissue with Nesprin 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human mouse liver tissue with Nesprin 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) 293T and 2) HeLa cell lysate with Nesprin 3 antibody. Predicted molecular weight ~112 kDa.



Flow cytometry testing of human U-87 MG cells with Nesprin 3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Nesprin 3 antibody.

Description

Enables actin filament binding activity and cytoskeleton-nuclear membrane anchor activity. Involved in cytoskeleton organization; establishment of protein localization to membrane; and regulation of cell shape. Located in nuclear membrane. Part of meiotic nuclear membrane microtubule tethering complex. Biomarker of Huntington's disease.

Application Notes

Optimal dilution of the Nesprin 3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R322-L495) was used as the immunogen for the Nesprin 3 antibody.

Storage

After reconstitution, the Nesprin 3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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