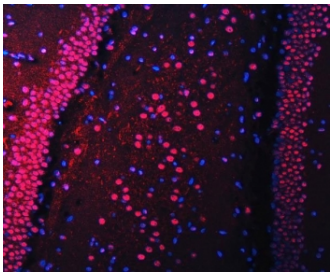
RNA-binding protein 22 Antibody / RBM22 (RQ7641)

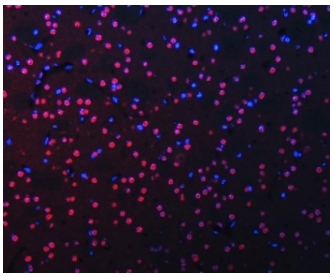
Catalog No.	Formulation	Size
RQ7641	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NW64
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This RNA-binding protein 22 antibody is available for research use only.



Immunofluorescent staining of FFPE rat brain tissue with RNA-binding protein 22 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



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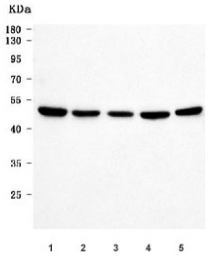
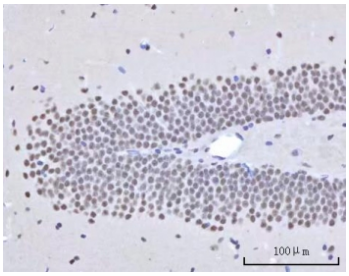
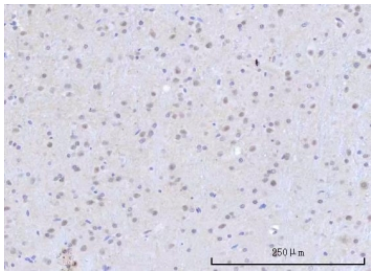


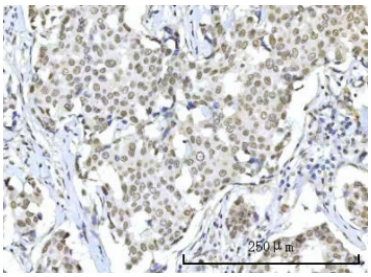
Western blot testing of 1) human 293T, 2) human HeLa, 3) human Raji, 4) rat RH35 and 5) mouse NIH 3T3 cell lysate with RNA-binding protein 22 antibody. Predicted molecular weight ~47 kDa.



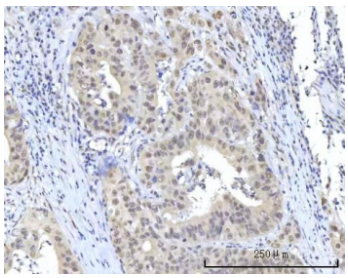
IHC staining of FFPE mouse brain tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



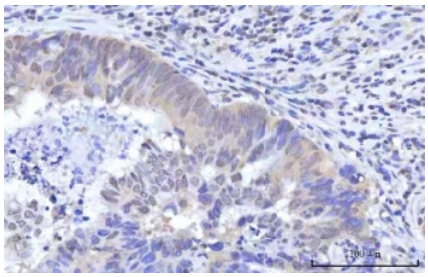
IHC staining of FFPE rat brain tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



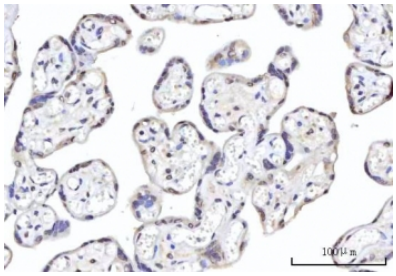
IHC staining of FFPE human esophageal squamous carcinoma with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



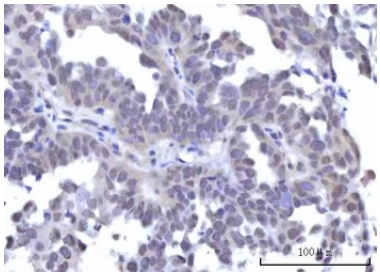
IHC staining of FFPE human appendix adenocarcinoma with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



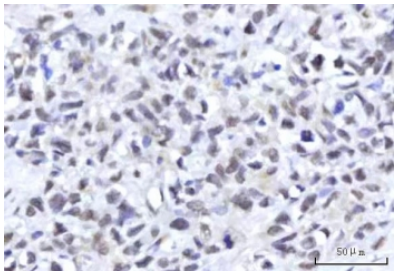
IHC staining of FFPE human rectum adenocarcinoma with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



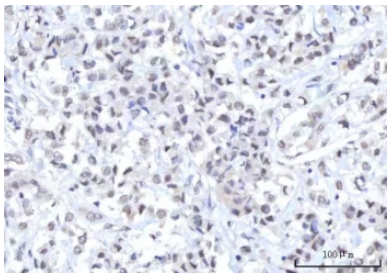
IHC staining of FFPE human placental tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



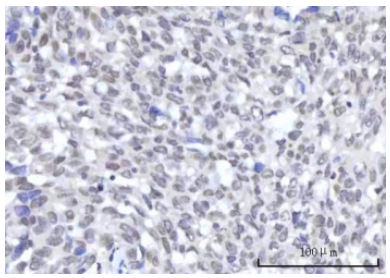
IHC staining of FFPE human ovarian serous carcinoma tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



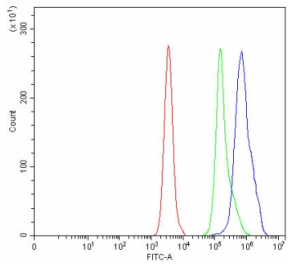
IHC staining of FFPE human gastric adenocarcinoma tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human breast cancer tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lung squamous cell carcinoma tissue with RNA-binding protein 22 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Flow cytometry testing of human Daudi cells with RNA-binding protein 22 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RNA-binding protein 22 antibody.

Description

Pre-mRNA-splicing factor RBM22 is a protein that in humans is encoded by the RBM22 gene. This gene encodes an RNA binding protein. The encoded protein may play a role in cell division and may be involved in pre-mRNA splicing. Related pseudogenes exist on chromosomes 6, 7, 9, 13, 16, 18, and X.

Application Notes

Optimal dilution of the RNA-binding protein 22 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D17-D406) was used as the immunogen for the RNA-binding protein 22 antibody.

Storage

After reconstitution, the RNA-binding protein 22 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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