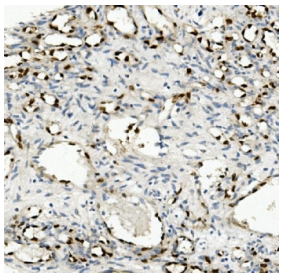
NOVA2 Antibody (RQ5998)

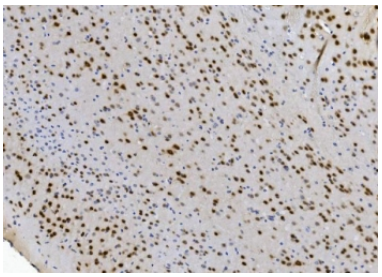
Catalog No.	Formulation	Size
RQ5998	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

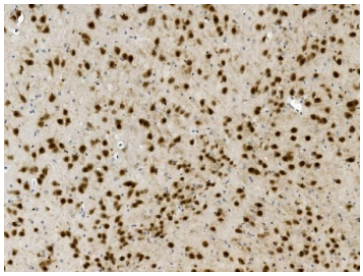
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9UNW9
Localization	Nuclear, cytoplasmic (Golgi)
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This NOVA2 antibody is available for research use only.



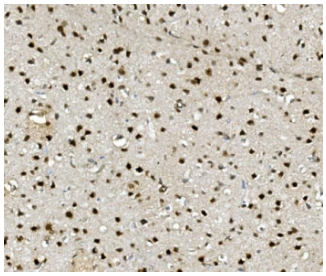
IHC staining of FFPE human appendicitis tissue with NOVA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



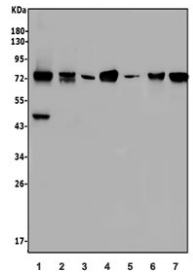
IHC staining of FFPE mouse brain with NOVA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



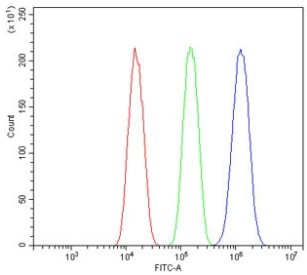
IHC staining of FFPE mouse brain with NOVA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



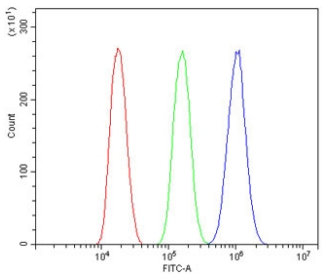
IHC staining of FFPE rat brain with NOVA2 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) U-2 OS, 2) HL60, 3) ThP-1, 4) rat brain, 5) rat spleen, 6) rat lung and 7) mouse brain lysate with NOVA2 antibody. Expected molecular weight: 70-80 kDa with a 50-55 kDa band also sometimes seen (Ref 1).



Flow cytometry testing of human A549 cells with NOVA2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NOVA2 antibody.



Flow cytometry testing of mouse HEPA1-6 cells with NOVA2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NOVA2 antibody.

Description

NOVA alternative splicing regulator 2 is a protein that in humans is encoded by the NOVA2 gene. It is mapped to 19q13.32. NOVA2 may regulate RNA splicing or metabolism in a specific subset of developing neurons. It binds single strand RNA.

Application Notes

Optimal dilution of the NOVA2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-Q205) was used as the immunogen for the NOVA2 antibody.

Storage

After reconstitution, the NOVA2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

References (1)

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