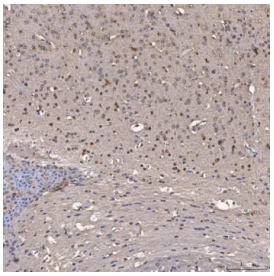
NOB1 Antibody / ART-4 (RQ7520)

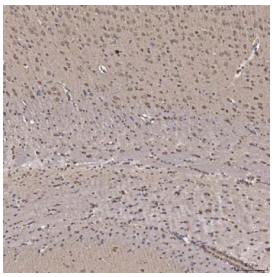
Catalog No.	Formulation	Size
RQ7520	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

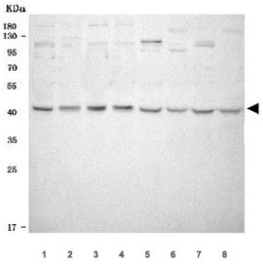
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9ULX3
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This NOB1 antibody is available for research use only.



IHC staining of FFPE mouse brain tissue with NOB1 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 NOB1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of) human HeLa, 2) human HepG2, 3) human K562, 4) human MCF7, 5) rat brain, 6) rat liver, 7) mouse brain and 8) mouse liver tissue lysate with NOB1 antibody. Predicted molecular weight ~47 kDa.

Description

RNA-binding protein NOB1 is a protein that in humans is encoded by the NOB1 gene. In yeast, over 200 protein and RNA cofactors are required for ribosome assembly, and these are generally conserved in eukaryotes. These factors orchestrate modification and cleavage of the initial 35S precursor rRNA transcript into the mature 18S, 5.8S, and 25S rRNAs, folding of the rRNA, and binding of ribosomal proteins and 5S RNA. Nob1 is involved in pre-rRNA processing. In a late cytoplasmic processing step, Nob1 cleaves a 20S rRNA intermediate at cleavage site D to produce the mature 18S rRNA.

Application Notes

Optimal dilution of the NOB1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-D389) was used as the immunogen for the NOB1 antibody.

Storage

After reconstitution, the NOB1 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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