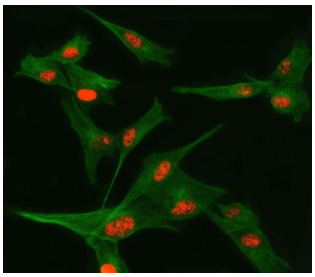
TSEN34 Antibody / tRNA-splicing endonuclease subunit Sen34 (RQ7701)

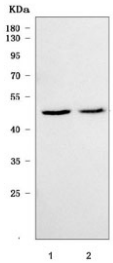
Catalog No.	Formulation	Size
RQ7701	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q9BSV6
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This TSEN34 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-87 MG cells with TSEN34 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with TSEN34 antibody. Predicted molecular weight ~34 kDa.

Description

tRNA-splicing endonuclease subunit Sen34 is an enzyme that in humans is encoded by the TSEN34 gene. This gene encodes a catalytic subunit of the tRNA splicing endonuclease, which catalyzes the removal of introns from precursor tRNAs. The endonuclease complex is also associated with a pre-mRNA 3-prime end processing factor. A mutation in this gene results in the neurological disorder pontocerebellar hypoplasia type 2. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Application Notes

Optimal dilution of the TSEN34 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-Q310) was used as the immunogen for the TSEN34 antibody.

Storage

After reconstitution, the TSEN34 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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