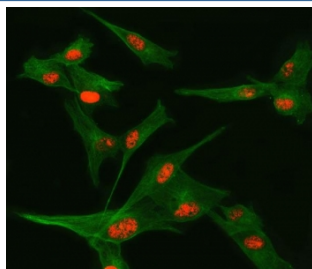


## TSEN34 Antibody / tRNA-splicing endonuclease subunit Sen34 (RQ7701)

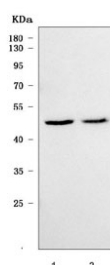
Catalog No.	Formulation	Size
RQ7701	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9BSV6
<b>Localization</b>	Nuclear
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.