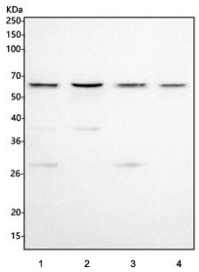
INTS14 Antibody / Integrator complex subunit 14 (RQ8862)

Catalog No.	Formulation	Size
RQ8862	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-2 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96SY0
Applications	Western blot: 1-2ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This INTS14 antibody is available for research use only.



Western blot testing of human 1) 293T, 2) HaCaT, 3) Jurkat and 4) RT4 cell lysate with INTS14 antibody. Predicted molecular weight ~57 kDa.

Description

INTS14 is a subunit of the integrator complex, a complex of proteins involved in the 3' end processing of small nuclear RNAs (snRNAs) and other non-coding RNAs. This process is crucial for the maturation and stability of these transcripts, ultimately affecting gene expression and regulation. INTS14 is believed to play a key role in coordinating the activities of other integrator complex subunits, ensuring efficient and accurate processing of RNA. INTS14 interacts with key proteins involved in RNA processing, suggesting a direct role in regulating gene expression. Additionally, mutations in INTS14 have been linked to certain types of cancer, highlighting its potential as a therapeutic target.

Application Notes

Optimal dilution of the INTS14 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids R27-H271) was used as the immunogen for the INTS14 antibody.

Storage

After reconstitution, the INTS14 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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