

For Research Use Only

# TSEN34 Polyclonal antibody, PBS Only

Catalog Number: 31212-1-PBS

Featured Product



## Basic Information

Catalog Number:

31212-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35120

GenBank Accession Number:

BC020805

GeneID (NCBI):

79042

UNIPROT ID:

Q9BSV6

Full Name:

tRNA splicing endonuclease 34 homolog (*S. cerevisiae*)

Calculated MW:

34 kDa

Observed MW:

34-36 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

The human tRNA splicing endonuclease consists of a heterotetramer complex formed by the four TSEN proteins, which were identified by homology with their yeast counterparts. TSEN2 and TSEN34 are the catalytic subunits, which form a compound active site, whereas TSEN54 and TSEN15 are structural proteins. (PMID: 27392077)

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

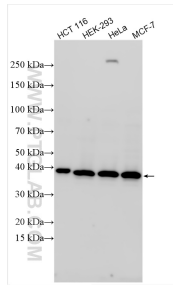
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

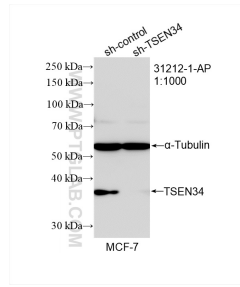
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

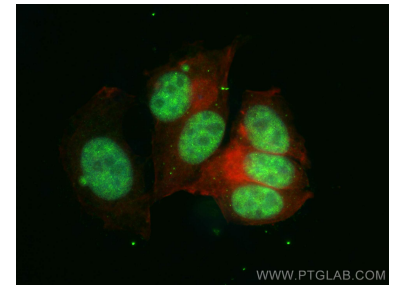
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31212-1-AP (TSEN34 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31212-1-PBS in a different storage buffer formulation.



WB result of TSEN34 antibody (31212-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TSEN34 transfected MCF-7 cells. This data was developed using the same antibody clone with 31212-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TSEN34 antibody (31212-1-AP) at dilution of 1:600 and Multi-rAb CoraLite Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31212-1-PBS in a different storage buffer formulation.