

For Research Use Only

# TSEN34 Polyclonal antibody

Catalog Number: 31212-1-AP

Featured Product



## Basic Information

Catalog Number:

31212-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

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

Recommended Dilutions:

WB 1:1000-1:8000

IF/ICC 1:300-1:1200

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HCT 116 cells, HEK-293 cells, MCF-7 cells, HeLa cells, HEK-293T cells

IF/ICC : MCF-7 cells,

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

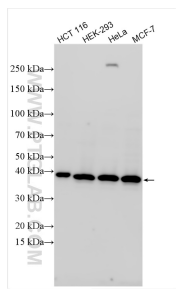
For technical support and original validation data for this product please contact:

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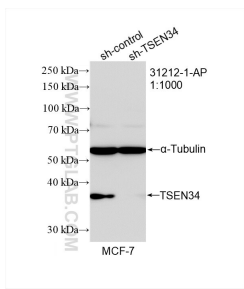
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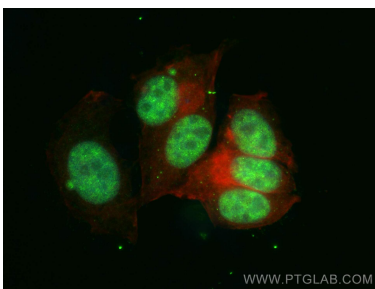
## Selected Validation Data



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.



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.



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).