

For Research Use Only

# NAF1 Polyclonal antibody

Catalog Number: 27764-1-AP



## Basic Information

<b>Catalog Number:</b> 27764-1-AP	<b>GenBank Accession Number:</b> BC008207	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 900 ug/ml	<b>GeneID (NCBI):</b> 92345	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96HR8	
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear assembly factor 1 homolog (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG26787	<b>Calculated MW:</b> 54 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> K-562 cells, HL-60 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human ovary cancer tissue,

## Background Information

NAF1, an H/ACA box RNP assembly chaperone, is a factor necessary for H/ACA snoRNP maturation and ribosome biosynthesis in mammalian cells. In addition, among these RNA biogenesis factors, NAF1 may be unique in that it is required at full dosage for telomerase and telomere maintenance in the process of pulmonary fibrosis-empysema. (PMID: 30936423)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

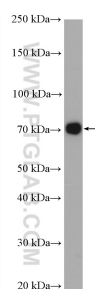
T: 4006900926

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

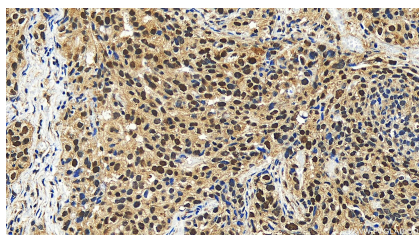
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 27764-1-AP (NAF1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27764-1-AP (NAF1 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).