

For Research Use Only

# RPS25 Polyclonal antibody

Catalog Number: 23599-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 23599-1-AP	<b>GenBank Accession Number:</b> BC004986	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 µg/ml	<b>GeneID (NCBI):</b> 6230	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P62851	
<b>Isotype:</b> IgG	<b>Full Name:</b> ribosomal protein S25	
<b>Immunogen Catalog Number:</b> AG7890	<b>Calculated MW:</b> 14 kDa	
	<b>Observed MW:</b> 15-17 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HeLa cells, K-562 cells, MCF-7 cells IHC : human breast cancer tissue, human liver tissue IF : MCF-7 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Ribosomal protein S25 (RPS25) is a novel MDM2 interacting protein. It may be involved in viral replication of Dicrostoviridae and hepatitis C viruses. RPS25 is overexpressed in human leukemia cells exhibiting adriamycin resistance. It may have a role in p53-mediated apoptosis and cell-cycle arrest. The expected MW of RPS25 is about 15-17kDa. Catalog# 23599-1-AP is a rabbit polyclonal antibody raised against full-length RPS25, and is recommended for ELISA, Western blotting.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chiung-Hung Hsu	27161446	Mol Cell Proteomics	WB
Yuhe Jiang	38047915	ACS Nano	WB

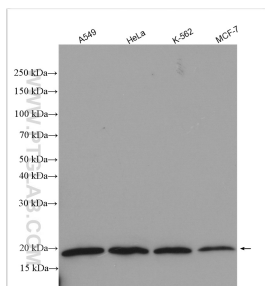
## Storage

**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

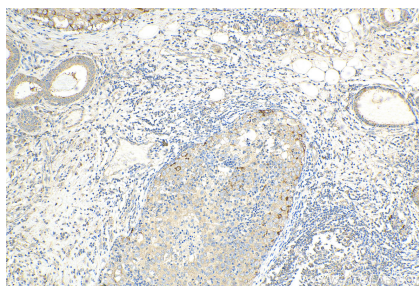
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

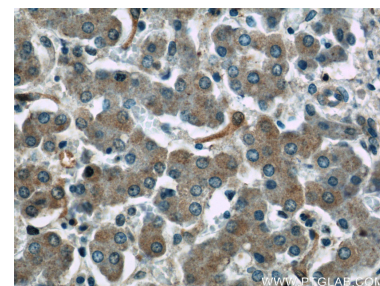
## Selected Validation Data



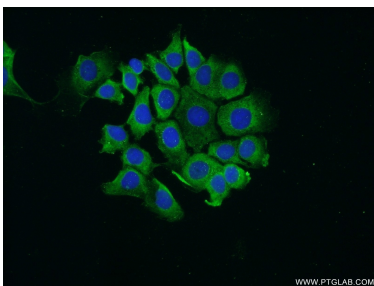
Various lysates were subjected to SDS PAGE followed by western blot with 23599-1-AP (RPS25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 23599-1-AP (RPS25 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver slide using 23599-1-AP (RPS25 Antibody) at dilution of 1:50.



Immunofluorescent analysis of MCF-7 cells using 23599-1-AP (RPS25 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).