

For Research Use Only

# UAP1L1 Polyclonal antibody, PBS Only

Catalog Number: 25262-1-PBS



## Basic Information

Catalog Number:

25262-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_207309

GeneID (NCBI):

91373

UNIPROT ID:

Q3KQV9

Full Name:

UDP-N-acetylglucosamine pyrophosphorylase 1-like 1

Calculated MW:

57 kDa

Observed MW:

57-59 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

UDP-N-acetylglucosamine pyrophosphorylase-1-like-1 (UAP1L1) is a protein that shares ~59% sequence identity with UDP-N-acetylglucosamine pyrophosphorylase-1 (UAP1), which is directly involved in the synthesis of the sugar donor (UDP-GlcNAc) for N-acetylglucosamine modification (O-GlcNAcylation) of proteins in the cytoplasm, nucleus, and mitochondria, as well as for O- and N-linked protein glycosylation in the endoplasmic reticulum and the Golgi apparatus (PMID: 30097606, 35168617). Human UAP1L1 is also significantly upregulated in a distinct subset of HCC tissues and patients with upregulated expression of UAP1L1 appeared to have poor prognosis (PMID: 33987240).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

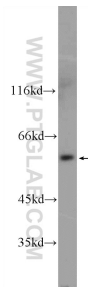
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

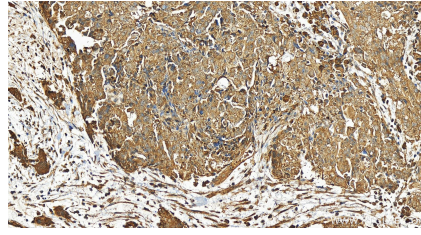
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

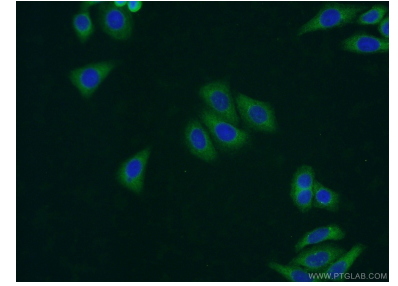
## Selected Validation Data



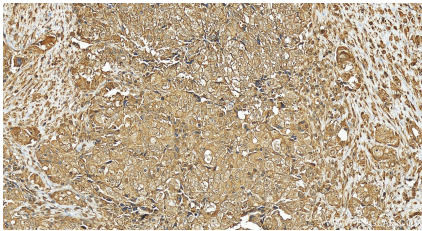
MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 25262-1-AP (UAP1L1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 25262-1-AP (UAP1L1 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25262-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HepG2 cells using 25262-1-AP (UAP1L1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 25262-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 25262-1-AP (UAP1L1 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25262-1-PBS in a different storage buffer formulation.