

For Research Use Only

UAP1L1 Polyclonal antibody, PBS Only

Catalog Number: 25262-1-PBS



Basic Information

Catalog Number:

25262-1-PBS

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.

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:

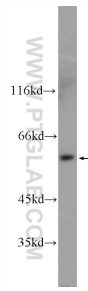
T: 4006900926

E: Proteintech-CN@ptglab.com

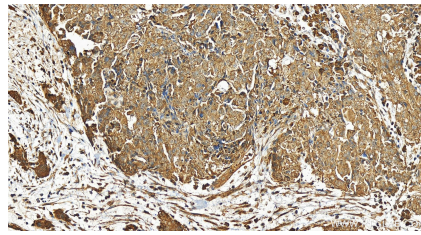
W: ptgcn.com

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

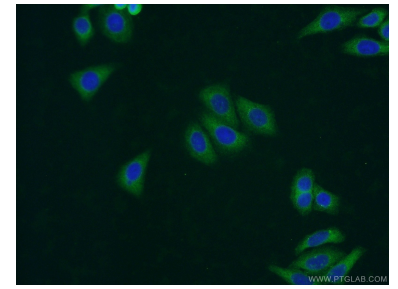
Selected Validation Data



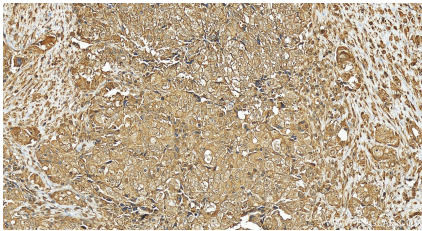
MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 25262-1-AP (UAP1L1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25262-1-PBS in a different storage buffer formulation.



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.