

For Research Use Only

ATPBD3 Polyclonal antibody, PBS Only

Catalog Number: 31537-1-PBS



Basic Information

Catalog Number:

31537-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35037

GenBank Accession Number:

NM_145232

GeneID (NCBI):

90353

UNIPROT ID:

Q7Z7A3

Full Name:

ATP binding domain 3

Calculated MW:

36 kDa

Observed MW:

30-36 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

ATPBD3, also known as CTU1, NCS6, is a subunit of a highly conserved protein complex involved in the thiolation of wobble U34 (PMID: 18391219). ATPBD3 directly binds tRNAs and probably acts by catalyzing the adenylation of tRNAs, an intermediate required for 2-thiolation.

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

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

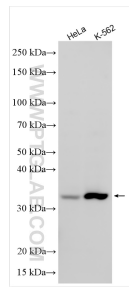
T: 4006900926

E: Proteintech-CN@ptglab.com

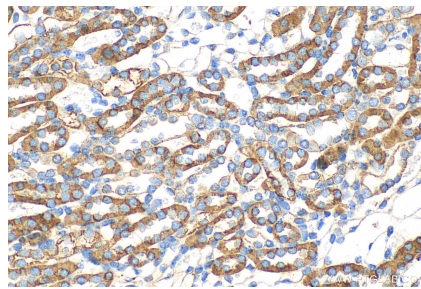
W: ptgcn.com

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

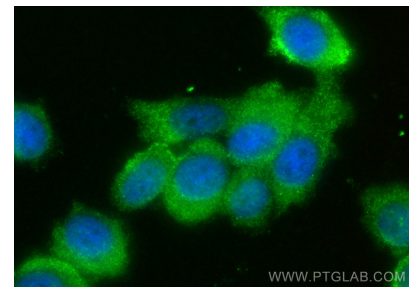
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 31537-1-AP (ATPBD3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31537-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31537-1-AP (ATPBD3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31537-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using ATPBD3 antibody (31537-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31537-1-PBS in a different storage buffer formulation.