

For Research Use Only

ATPBD3 Polyclonal antibody, PBS Only

Catalog Number: 31537-1-PBS



Basic Information

Catalog Number:

31537-1-PBS

Size:

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

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.

Storage Buffer:

PBS Only

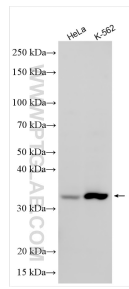
For technical support and original validation data for this product please contact:

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

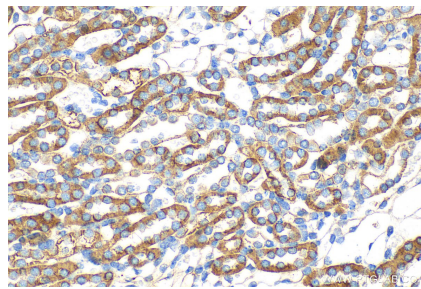
E: proteintech@ptglab.com
W: ptglab.com

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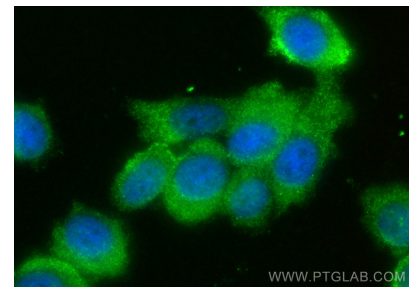
Selected Validation Data



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.