

For Research Use Only

ATPB Monoclonal antibody, PBS Only

Catalog Number: 66600-1-PBS



Basic Information

Catalog Number:

66600-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG11177

GenBank Accession Number:

BC016512

GeneID (NCBI):

506

UNIPROT ID:

P06576

Full Name:

ATP synthase, H⁺ transporting,
mitochondrial F1 complex, beta
polypeptide

Calculated MW:

529 aa, 57 kDa

Observed MW:

45-57 kDa

Purification Method:

Protein A purification

CloneNo.:

1A11B9

Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

ATP5B, also named as ATPMB and ATPSB, belongs to the ATPase alpha/beta chains family. It is a high affinity HDL receptor for apolipoprotein A1. ATP5B is a subunit of mitochondrial ATP synthase (F1F0 ATP synthase or Complex V). ATP5B has a calculated molecular mass of 57 kDa and ~5 kDa transit peptide can be removed in the mature form.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

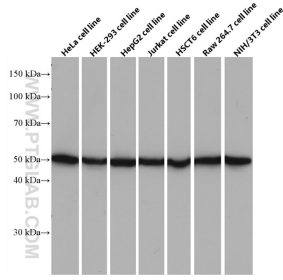
T: 4006900926

E: Proteintech-CN@ptglab.com

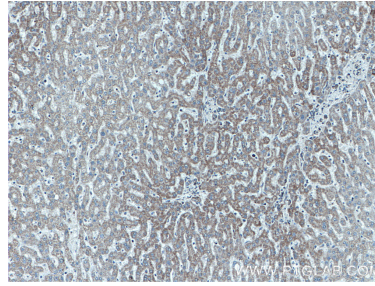
W: ptgcn.com

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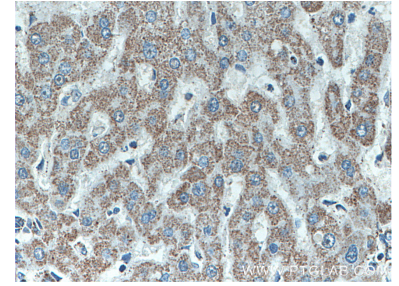
Selected Validation Data



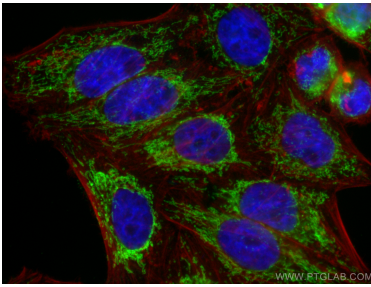
Various lysates were subjected to SDS PAGE followed by western blot with 66600-1-Ig (ATPB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66600-1-PBS in a different storage buffer formulation.



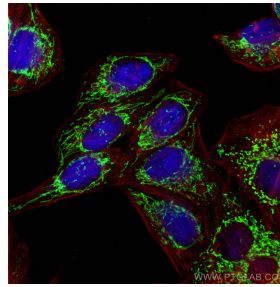
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66600-1-Ig (ATPB antibody) at dilution of 1:500 (under 10x lens). This data was developed using the same antibody clone with 66600-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66600-1-Ig (ATPB antibody) at dilution of 1:500 (under 40x lens). This data was developed using the same antibody clone with 66600-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ATPB antibody (66600-1-Ig, Clone: 1A11B9) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66600-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ATPB antibody (66600-1-Ig, Clone: 1A11B9) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66600-1-PBS in a different storage buffer formulation.