

For Research Use Only

ATP5D Monoclonal antibody, PBS Only



Catalog Number: 66673-1-PBS

Basic Information

Catalog Number:

66673-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7016

GenBank Accession Number:

BC002389

GeneID (NCBI):

513

UNIPROT ID:

P30049

Full Name:

ATP synthase, H⁺ transporting, mitochondrial F1 complex, delta subunit

Calculated MW:

17 kDa

Observed MW:

15-17 kDa

Purification Method:

Protein G purification

CloneNo.:

1G12C7

Applications

Tested Applications:

WB, Indirect ELISA, IHC

Species Specificity:

Human

Background Information

The mitochondrial F₁F₀-ATP synthase complex uses energy derived from a proton gradient to synthesize ATP. The ATP5D gene encodes the delta subunit of the mitochondrial ATP synthase F1 complex and belongs to the ATPase epsilon chain family. This gene encodes the full length protein of 17 kDa with a transit peptide of 22 amino acid.

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:

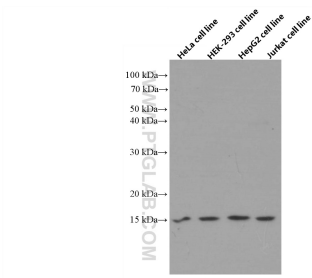
T: 4006900926

E: Proteintech-CN@ptglab.com

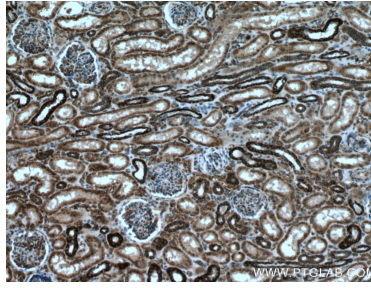
W: ptgcn.com

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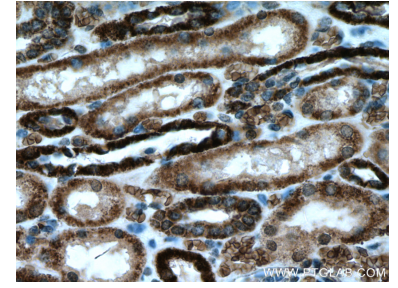
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66673-1-Ig (ATP5D antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66673-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66673-1-Ig (ATP5D antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66673-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66673-1-Ig (ATP5D 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 66673-1-PBS in a different storage buffer formulation.