

For Research Use Only

# VAR52 Polyclonal antibody, PBS Only

Catalog Number: 15776-1-PBS

Featured Product



## Basic Information

Catalog Number:

15776-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8460

GenBank Accession Number:

BC008844

GeneID (NCBI):

57176

UNIPROT ID:

Q5ST30

Full Name:

valyl-tRNA synthetase 2,  
mitochondrial (putative)

Calculated MW:

119 kDa, 57 kDa

Observed MW:

118 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

## Background Information

VAR52 (Valine--tRNA ligase, mitochondrial) is also named as KIAA1885, VAR52L, VARSL and belongs to the class-I aminoacyl-tRNA synthetase family. The deduced 993-amino acid protein has an N-terminal mitochondrial targeting signal with a predicted cleavage site after residue 29. VAR52 has characteristics of a class I mitochondrial aminoacyl-tRNA synthetase, including a classical Rossmann fold.

## 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:

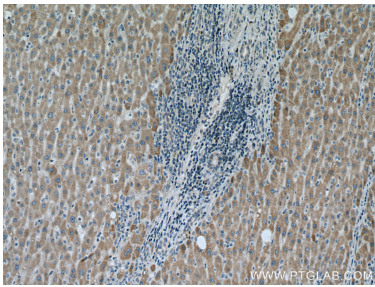
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

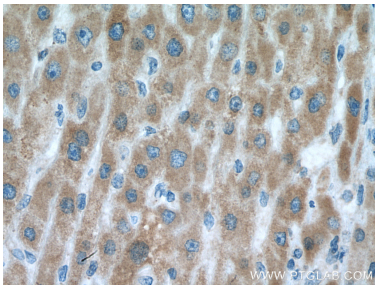
W: [ptgcn.com](http://ptgcn.com)

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

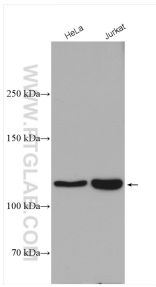
Selected Validation Data



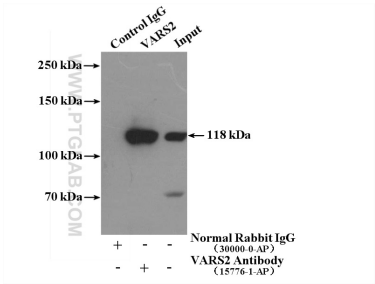
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15776-1-AP (VARS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15776-1-PBS in a different storage buffer formulation.



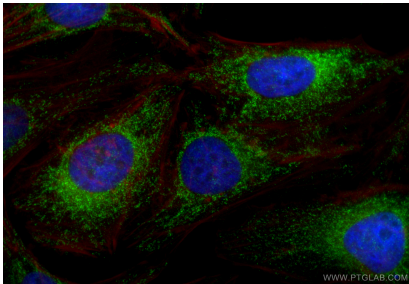
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15776-1-AP (VARS2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15776-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 15776-1-AP (VARS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15776-1-PBS in a different storage buffer formulation.



IP result of anti-VARS2 (IP:15776-1-AP, 4ug; Detection:15776-1-AP 1:500) with HeLa cells lysate 2400ug. This data was developed using the same antibody clone with 15776-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using VARS2 antibody (15776-1-AP) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 15776-1-PBS in a different storage buffer formulation.