

For Research Use Only

# OGDH Recombinant antibody, PBS Only

Catalog Number: 82773-1-PBS

Featured Product



## Basic Information

Catalog Number:

82773-1-PBS

Concentration:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7368

GenBank Accession Number:

BC004964

GeneID (NCBI):

4967

UNIPROT ID:

Q02218

Full Name:

oxoglutarate (alpha-ketoglutarate)  
dehydrogenase (lipoamide)

Calculated MW:

116 kDa

Observed MW:

116 kDa

Purification Method:

Protein A purification

CloneNo.:

1C16

## Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

OGDH(2-oxoglutarate dehydrogenase, mitochondrial) is also named as OGDC-E1 and belongs to the alpha-ketoglutarate dehydrogenase family. It is one of the three enzymatic components of 2-oxoglutarate dehydrogenase complex, which catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO<sub>2</sub>. This protein has 3 isoforms produced by alternative splicing. This antibody is immunized with the C-terminal and can recognize the isoform 1 and 2 with the MW of 116 kDa.

## 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, pH7.3

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

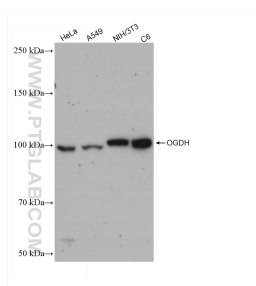
T: 4006900926

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

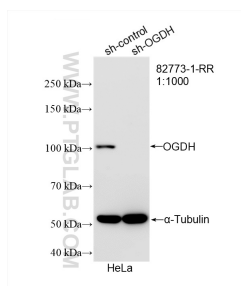
W: [ptgcn.com](http://ptgcn.com)

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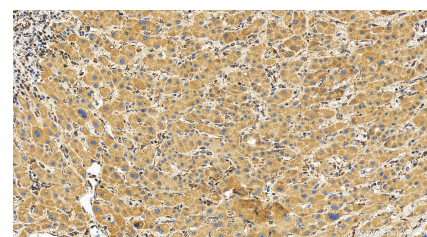
## Selected Validation Data



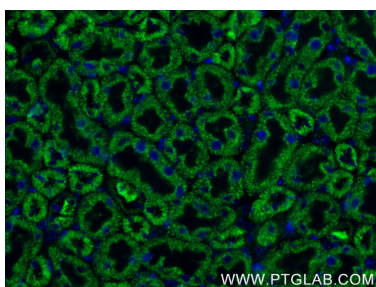
Various lysates were subjected to SDS PAGE followed by western blot with 82773-1-RR (OGDH antibody) at dilution of 1:7290 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82773-1-PBS in a different storage buffer formulation.



WB result of OGDH antibody (82773-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-OGDH transfected HeLa cells. This data was developed using the same antibody clone with 82773-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 82773-1-RR (OGDH antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82773-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using OGDH antibody (82773-1-RR, Clone: 1C16) at dilution of 1:200 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82773-1-PBS in a different storage buffer formulation.