

For Research Use Only

# OGDH Recombinant antibody

Catalog Number: 82773-1-RR



## Basic Information

<b>Catalog Number:</b> 82773-1-RR	<b>GenBank Accession Number:</b> BC004964	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 4967	<b>CloneNo.:</b> 1C16
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q02218	<b>Recommended Dilutions:</b> WB 1:2000-1:14000
<b>Isotype:</b> IgG	<b>Full Name:</b> oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)	
<b>Immunogen Catalog Number:</b> AG7368	<b>Calculated MW:</b> 116 kDa	
	<b>Observed MW:</b> 116 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Mouse, Rat	<b>WB :</b> HeLa cells, rat heart tissue, A549 cells, NIH/3T3 cells, C6 cells

## 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

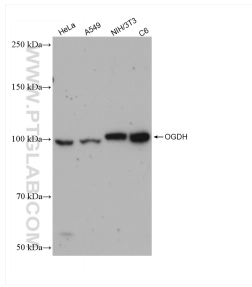
T: 4006900926

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