

For Research Use Only

# PDHA2 Polyclonal antibody

Catalog Number: 17134-1-AP

1 Publications



## Basic Information

Catalog Number:

17134-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10882

GenBank Accession Number:

BC030697

GeneID (NCBI):

5161

UNIPROT ID:

P29803

Full Name:

pyruvate dehydrogenase (lipoamide)

alpha 2

Calculated MW:

388 aa, 43 kDa

Observed MW:

40-43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : A431 cells, human placenta tissue, mouse testis tissue, rat testis tissue

IHC : mouse testis tissue,

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xinying Cai	39516485	Cell Death Dis	WB

## 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

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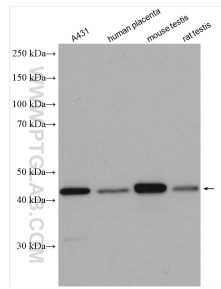
T: 4006900926

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

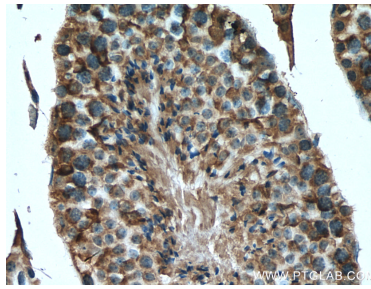
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17134-1-AP (PDHA2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17134-1-AP (PDHA2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).