

For Research Use Only

PRODH2 Polyclonal antibody

Catalog Number: 31047-1-AP



Basic Information

Catalog Number:

31047-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33970

GenBank Accession Number:

BC166629

GeneID (NCBI):

58510

UNIPROT ID:

Q9UF12

Full Name:

proline dehydrogenase (oxidase) 2

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse

Positive Controls:

WB : mouse kidney tissue, human testis tissue, mouse testis tissue

Background Information

PRODH2 is a dehydrogenase that converts trans-4-L-hydroxyproline to delta-1-pyrroline-3-hydroxy-5-carboxylate (Hyp) using ubiquinone-10 as the terminal electron acceptor. It can also use proline as a substrate but with a very much lower efficiency (PMID: 25697095).

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:

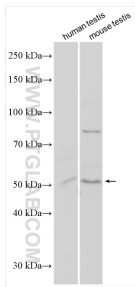
T: 4006900926

E: Proteintech-CN@ptglab.com

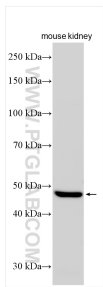
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31047-1-AP (PRODH2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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