

For Research Use Only

PRODH2 Polyclonal antibody

Catalog Number: 31047-1-AP



Basic Information

Catalog Number: 31047-1-AP	GenBank Accession Number: BC166629	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 58510	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9UF12	
Isotype: IgG	Full Name: proline dehydrogenase (oxidase) 2	
Immunogen Catalog Number: AG33970	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: Human, mouse	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

*** 20ul sizes contain 0.1% BSA

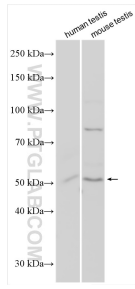
For technical support and original validation data for this product please contact:

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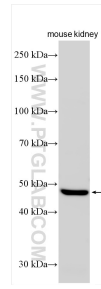
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Selected Validation Data



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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