

For Research Use Only

PDHA2/PDHA1 Polyclonal antibody, PBS Only

Catalog Number: 17134-1-PBS



Basic Information

Catalog Number: 17134-1-PBS	GenBank Accession Number: BC030697	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5161	
Source: Rabbit	UNIPROT ID: P29803	
Isotype: IgG	Full Name: pyruvate dehydrogenase (lipoamide) alpha 2	
Immunogen Catalog Number: AG10882	Calculated MW: 388 aa, 43 kDa	
	Observed MW: 40-43 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

PDHA2 (Pyruvate Dehydrogenase E1 Subunit Alpha 2) is a testis-specific mitochondrial enzyme encoded by the PDHA2 gene on human chromosome 4q22.3. The gene exhibits 84% nucleotide sequence similarity with the X-linked PDHA1, supporting the hypothesis that PDHA2 originated through retrotransposition of PDHA1 to an autosomal location. This antibody can recognize both PDHA2 and PDHA1.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

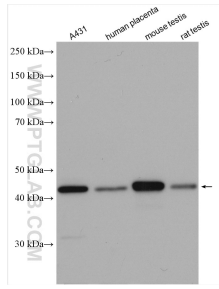
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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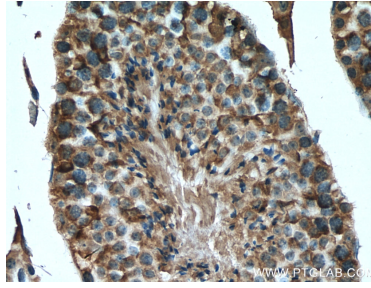
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 17134-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 17134-1-PBS in a different storage buffer formulation.