

# Product Datasheet

## PDHX Antibody NB100-1496

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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**NB100-1496**

## PDHX Antibody

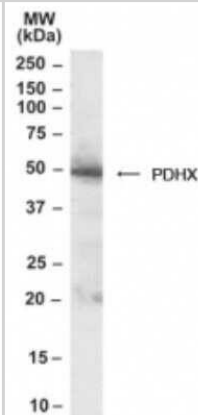
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Target Molecular Weight</b>	54 kDa

Product Description	
<b>Description</b>	Novus Biologicals Goat PDHX Antibody (NB100-1496) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-PDHX Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	8050
<b>Gene Symbol</b>	PDHX
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all reported isoforms.
<b>Immunogen</b>	Peptide with sequence C-KSFKANLENPIRLA corresponding to C-Terminus according to NP_003468.2, NP_001128496.1, NP_001159630.1.

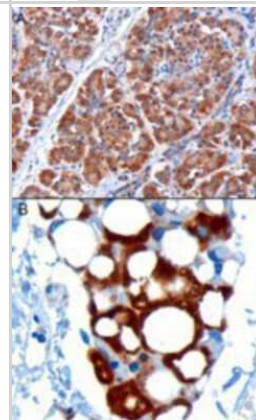
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 1 ug/ml, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1 - 3 ug/ml, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 50 kDa band observed in human pancreas lysate (calculated MW of 54.2 kDa band according to NP_003468.1). In transfected HEK293 transiently expressing PDHX a band of approx. 50 kDa is observed. This band is not observed in the non-transfected HEK293.

## Images

Western Blot: PDHX Antibody [NB100-1496] - Western blot analysis of Human Pancreas lysate (35ug protein in RIPA buffer) using NB100-1496 (1ug/ml).



Immunohistochemistry: PDHX Antibody [NB100-1496] - staining of paraffin embedded Human Pancreas. A) Microwaved antigen retrieval with citrate buffer pH 6 (3ug/ml), HRP-staining. B) Microwaved antigen retrieval with Tris/EDTA buffer pH9 (1ug/ml), HRP-staining.



## Publications

Schild M, Ruhs A, Beiter T et al. Basal and exercise induced label-free quantitative protein profiling of m. vastus lateralis in trained and untrained individuals J Proteomics 2015-04-06 [PMID: 25857276] (WB, Human)



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### Products Related to NB100-1496

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NBL1-14243	PDHX Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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