

For Research Use Only

PDHX Polyclonal antibody

Catalog Number: 10951-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

10951-1-AP

Size:

150ul, Concentration: 650 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1389

GenBank Accession Number:

BC010389

GeneID (NCBI):

8050

UNIPROT ID:

O00330

Full Name:

pyruvate dehydrogenase complex, component X

Calculated MW:

54 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:20000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

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

Positive Controls:

WB: BxPC-3 cells, HEK-293 cells, SKOV-3 cells

IP: HEK-293 cells,

IHC: human colon cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xixi Guo	31480692	Biomolecules	WB
Jing-Ting Li	25301554	Biochem Biophys Res Commun	WB, IP
Murali K Yanda	34823104	Cell Calcium	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

*** 20ul sizes contain 0.1% BSA

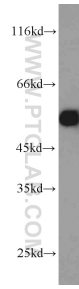
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

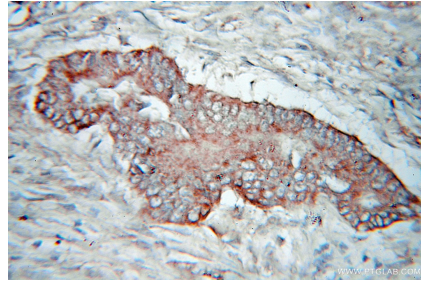
E: proteintech@ptglab.com
W: ptglab.com

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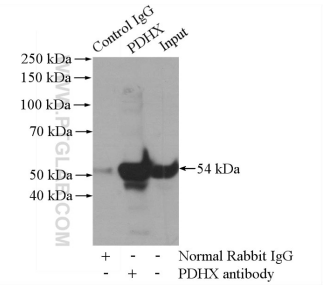
Selected Validation Data



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 10951-1-AP (PDHX antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 10951-1-AP (PDHX antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-PDHX (IP:10951-1-AP, 4ug; Detection:10951-1-AP 1:5000) with HEK-293 cells lysate 2000ug.