

For Research Use Only

PDI Recombinant antibody

Catalog Number: 80170-1-RR

Featured Product

1 Publications



Basic Information

Catalog Number:

80170-1-RR

Size:

100ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1747

GenBank Accession Number:

BC014504

GeneID (NCBI):

5034

UNIPROT ID:

P07237

Full Name:

prolyl 4-hydroxylase, beta polypeptide

Calculated MW:

57 kDa

Observed MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

4K17

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

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 : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells

IHC : human prostate cancer tissue, human colon tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Zeru Xiao	37857481	Cancer Prev Res (Phila)	IHC

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

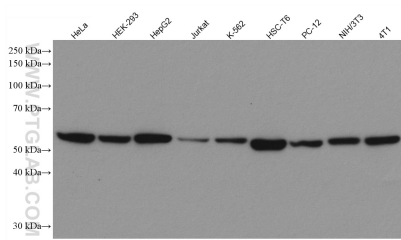
For technical support and original validation data for this product please contact:

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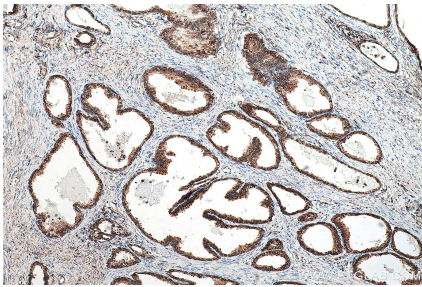
E: proteintech@ptglab.com
W: ptglab.com

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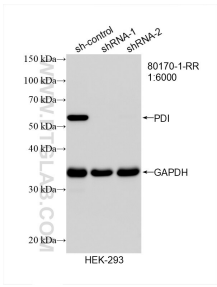
Selected Validation Data



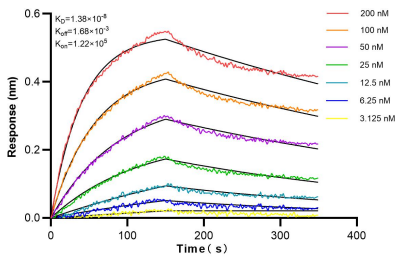
Various lysates were subjected to SDS PAGE followed by western blot with 80170-1-RR (PDI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 80170-1-RR (PDI antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of PDI antibody (80170-1-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PDI transfected HEK-293 cells.



Biolayer interferometry (BLI) kinetic assays of 80170-1-RR against Human PDI were performed. The affinity constant is 13.8 nM.