

For Research Use Only

# PDI Recombinant antibody, PBS Only

Catalog Number: 80170-1-PBS

Featured Product



## Basic Information

Catalog Number:

80170-1-PBS

Size:

100ug, Concentration: 1mg/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

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

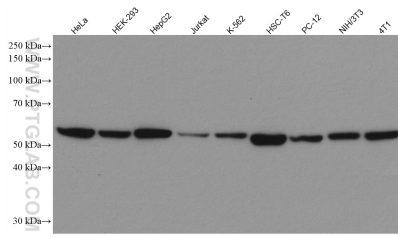
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

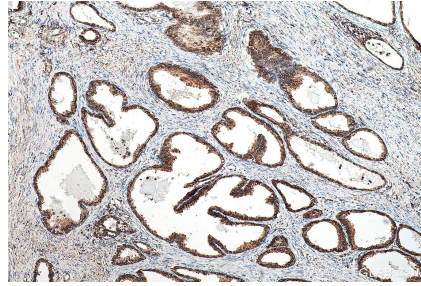
W: [ptglab.com](http://ptglab.com)

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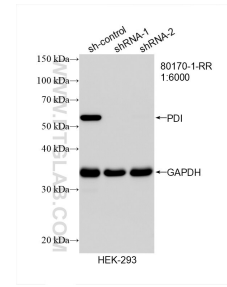
## Selected Validation Data



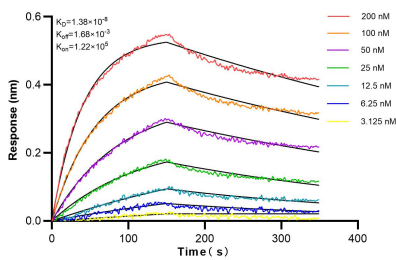
Various lysates were subjected to SDS PAGE followed by western blot with 80170-1-RR (PDI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80170-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 80170-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 80170-1-PBS in a different storage buffer formulation.



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