For Research Use Only

PDIR Polyclonal antibody

Catalog Number:15545-1-AP Featured Product 4 Publications

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Basic Information

Catalog Number:
15545-1-AP

Size:
150ul , Concentration: 300 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7901

GenBank Accession Number:
BC001625

GeneID (NCBI):
10954

UNIPROT ID:
Q14554

Full Name:
protein disulfide isomerase family A, member 5

Calculated MW:
60 kDa

Observed MW:
60 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:20-1:200

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

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 : mouse liver tissue,

IP : mouse liver tissue,

IHC : human placenta tissue, human liver tissue, human ovary tissue, human spleen tissue, human testis tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Soma Samanta	29262583	Oncotarget	WB,IHC
Stefan Schorr	32133789	FEBS J	WB
Richard Zimmermann	34884833	Int J Mol Sci	WB

Storage

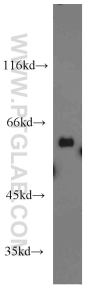
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

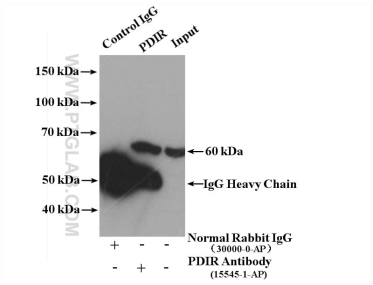
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

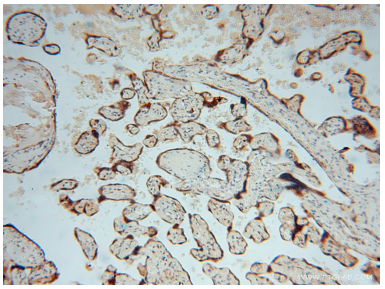
Selected Validation Data



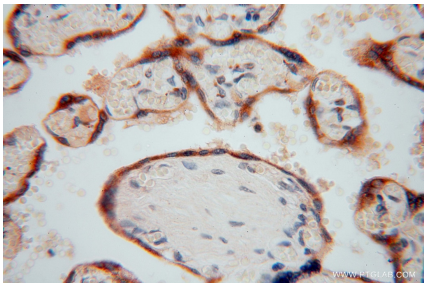
mouse liver tissue were subjected to SDS PAGE followed by western blot with 15545-1-AP (PDIR antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-PDIR (IP:15545-1-AP, 4ug; Detection:15545-1-AP 1:1000) with mouse liver tissue lysate 6000 ug.



Immunohistochemical analysis of paraffin-embedded human placenta using 15545-1-AP (PDIR antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 15545-1-AP (PDIR antibody) at dilution of 1:100 (under 40x lens).