

For Research Use Only

# PDIA2 Recombinant antibody

Catalog Number: 84765-4-RR



## Basic Information

Catalog Number:

84765-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35301

GenBank Accession Number:

NM\_006849.2

GeneID (NCBI):

64714

UNIPROT ID:

Q13087

Full Name:

protein disulfide isomerase family A,  
member 2

Calculated MW:

58 kDa

Observed MW:

60-65 kDa

Purification Method:

Protein A purification

CloneNo.:

242294E10

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse pancreas tissue, rat pancreas tissue, mouse  
stomach tissue, rat stomach tissue

## Background Information

PDIA2 (Protein disulfide-isomerase A2), a member of PDI family, is an ER protein chaperone that catalyzes the formation and breakage of disulfide bonds between cysteine residues and can inhibit aggregation of misfolded proteins by catalyzing rearrangement of -S-S- bonds in proteins. (PMID: 23486466)

## 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

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

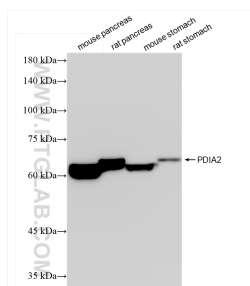
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

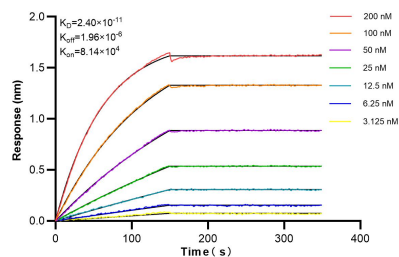
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84765-4-RR (PDIA2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84765-4-RR against Human PDIA2 were performed. The affinity constant is 24.0 pM.