

For Research Use Only

PDIA4 Recombinant antibody

Catalog Number: 86239-1-RR



Basic Information

Catalog Number:

86239-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3011

GenBank Accession Number:

NM_004911.5

GeneID (NCBI):

9601

UNIPROT ID:

P13667

Full Name:

protein disulfide isomerase family A,
member 4

Calculated MW:

73 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

250697E10

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HepG2 cells, L02 cells, RAW264.7 cells

IF/ICC : HeLa cells,

Background Information

PDIA4 (Protein disulfide-isomerase A4) is also named as ERP70, ERP72 and belongs to the protein disulfide isomerase family. It catalyzes the rearrangement of -S-S- bonds in proteins. ERp72 is a soluble protein localized in the ER lumen and contains the COOH-terminal retention signal, KEEL. There are 6 cysteine residues in the amino acid sequences of mouse and human ERp72. All of the cysteine residues occur in the internal thioredoxin motif, CGHC (PMID:15475357). The full length protein has a signal peptide with 20 amino acid.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

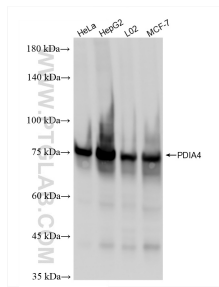
T: 4006900926

E: Proteintech-CN@ptglab.com

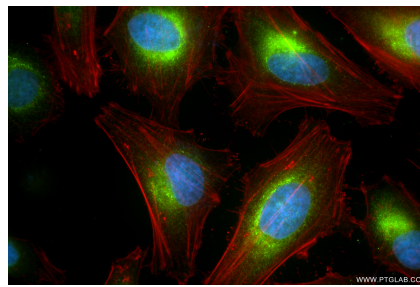
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86239-1-RR (PDIA4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PDIA4 antibody (86239-1-RR, Clone: 250697E10) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).