

For Research Use Only

CoraLite® Plus 750-conjugated PDI Recombinant antibody



Catalog Number:CL750-80170

Basic Information

Catalog Number:

CL750-80170

Size:

1000 µg/ml

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 1:1000-1:8000

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

WB

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : HSC-T6 cells, PC-12 cells, HepG2 cells

Background Information

PDIA1(Protein disulfide-isomerase) is also named as ERBA2L, PDI, P4HB, PO4DB. It is a multifunctional protein that catalyzes the formation, breakage and rearrangement of disulfide bonds. In some cell types, it seems to be secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources. It can exist as homodimer and monomers and homotetramers may also occur(PMID:12095988).

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

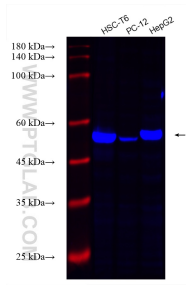
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-80170 (PDI antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.