

For Research Use Only

PCOLCE2 Polyclonal antibody

Catalog Number: 10607-1-AP

1 Publications



Basic Information

Catalog Number:

10607-1-AP

Size:

150ul , Concentration: 247 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0879

GenBank Accession Number:

BC006265

GeneID (NCBI):

26577

UNIPROT ID:

Q9UKZ9

Full Name:

procollagen C-endopeptidase enhancer 2

Calculated MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : MCF-7 cells,

Background Information

Procollagen C-endopeptidase enhancer 2 (PCOLCE2) is a 415-amino acid protein containing an N-terminal signal sequence, two CUB domains, and an NTR domain. PCOLCE2 binds to the C-terminal propeptide of types I and II procollagens and may enhance the cleavage of that propeptide by BMP1. It has been reported that PCOLCE2 is a glycoprotein with an apparent molecular weight of 52 kDa, which is larger than its calculated molecular weight of 45.7 kDa (PMID: 10873381).

Notable Publications

Author	Pubmed ID	Journal	Application
Guadalupe J Jasso	35085231	PLoS Biol	IF

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)

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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



MCF-7 cells were subjected to SDS PAGE followed by western blot with 10607-1-AP (PCOLCE2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.