

For Research Use Only

PCOLCE2 Polyclonal antibody

Catalog Number: 10607-1-AP **1 Publications**



Basic Information

Catalog Number: 10607-1-AP	GenBank Accession Number: BC006265	Purification Method: Antigen affinity purification
Size: 247 µg/ml	GeneID (NCBI): 26577	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q9UKZ9	
Isotype: IgG	Full Name: procollagen C-endopeptidase enhancer 2	
Immunogen Catalog Number: AG0879	Calculated MW: 46 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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.