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PCOLCE2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20049c

Product Information

Application	WB, E
Primary Accession	Q9UKZ9
Other Accession	NP_037495.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42227
Calculated MW	45717
Antigen Region	201-230

Additional Information

Gene ID	26577
Other Names	Procollagen C-endopeptidase enhancer 2, Procollagen COOH-terminal proteinase enhancer 2, PCPE-2, Procollagen C-proteinase enhancer 2, PCOLCE2, PCPE2
Target/Specificity	This PCOLCE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 201-230 amino acids from the Central region of human PCOLCE2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PCOLCE2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PCOLCE2
Synonyms	PCPE2

Function	Binds to the C-terminal propeptide of types I and II procollagens and may enhance the cleavage of that propeptide by BMP1.
Cellular Location	Secreted.
Tissue Location	Highly expressed in the heart, trabecular meshwork, pituitary gland, bladder, mammary gland, trachea and placenta and weakly expressed in the brain. Expressed in cartilage

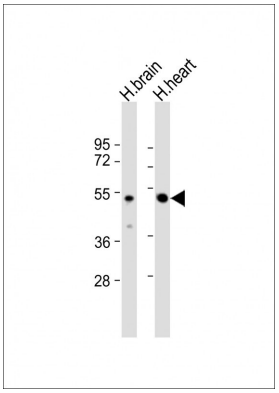
Background

PCOLCE2 binds to the C-terminal propeptide of types I and II procollagens and may enhance the cleavage of that propeptide by BMP1.

References

Zhu, J., et al. J. Lipid Res. 50(7):1330-1339(2009)
Steiglitz, B.M., et al. J. Biol. Chem. 277(51):49820-49830(2002)
Steiglitz, B.M., et al. Cytogenet. Cell Genet. 95 (3-4), 244-245 (2001) :
Xu, H., et al. Genomics 66(3):264-273(2000)

Images



All lanes : Anti-PCOLCE2 Antibody (Center) at 1:2000 dilution Lane 1: human brain lysate Lane 2: human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.