

PCOLCE2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20049c

Specification

PCOLCE2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9UKZ9
Other Accession	NP_037495.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	201-230

PCOLCE2 Antibody (Center) - 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~~1:2000

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.

PCOLCE2 Antibody (Center) - 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

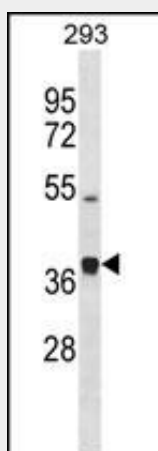
Highly expressed in the heart, trabecular meshwork, pituitary gland, bladder, mammary gland, trachea and placenta and weakly expressed in the brain. Expressed in cartilage

PCOLCE2 Antibody (Center) - Protocols

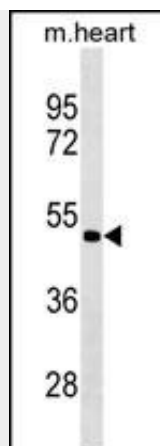
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

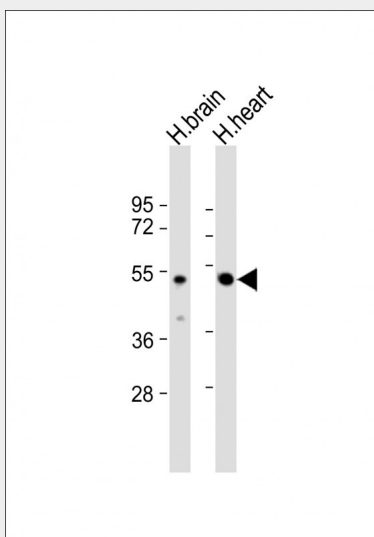
PCOLCE2 Antibody (Center) - Images



PCOLCE2 Antibody (Center) (Cat. #AP20049c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the PCOLCE2 antibody detected the PCOLCE2 protein (arrow).



PCOLCE2 Antibody (Center) (Cat. #AP20049c) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the PCOLCE2 antibody detected the PCOLCE2 protein (arrow).



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.

PCOLCE2 Antibody (Center) - Background

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

PCOLCE2 Antibody (Center) - 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)