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SFRP2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12351b

Specification

SFRP2 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q96HF1
Other Accession	P97299, NP_003004.1
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**263-292**

SFRP2 Antibody (C-term) - Additional Information

Gene ID 6423

Other Names
Secreted frizzled-related protein 2, FRP-2, sFRP-2, Secreted apoptosis-related protein 1, SARP-1, SFRP2, FRP2, SARP1

Target/Specificity
This SFRP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the C-terminal region of human SFRP2.

Dilution
WB~~1:1000
IHC-P~~1:10~50

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
SFRP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SFRP2 Antibody (C-term) - Protein Information

Name SFRP2

Synonyms FRP2, SARP1

Function Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP2 may be important for eye retinal development and for myogenesis.

Cellular Location
Secreted.

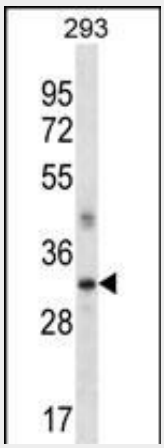
Tissue Location
Expressed in adipose tissue, heart, brain, skeletal muscle, pancreas, thymus, prostate, testis, ovary, small intestine and colon. Highest levels in adipose tissue, small intestine and colon

SFRP2 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SFRP2 Antibody (C-term) - Images



SFRP2 Antibody (C-term) (Cat. #AP12351b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the SFRP2 antibody detected the SFRP2 protein (arrow).

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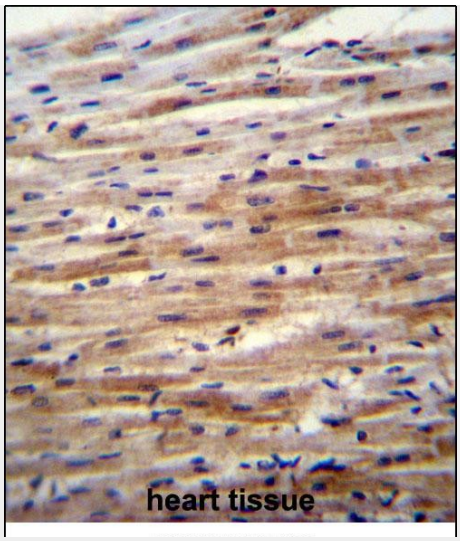

SFRP2 Antibody (C-term) (Cat. #AP12351b)immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SFRP2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

SFRP2 Antibody (C-term) - Background

This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. Methylation of this gene is a potential marker for the presence of colorectal cancer. [provided by RefSeq].

SFRP2 Antibody (C-term) - References

von Marschall, Z., et al. Biochem. Biophys. Res. Commun. 400(3):299-304(2010)
Pehlivan, S., et al. Cancer Genet. Cytogenet. 201(2):128-132(2010)
Kohno, H., et al. Oncol. Rep. 24(2):423-431(2010)
Yamamura, S., et al. Mol. Cancer Ther. 9(6):1680-1687(2010)
Forsman, H., et al. BMC Cell Biol. 11, 52 (2010) :

SFRP2 Antibody (C-term) - Citations

- Microenvironmental reprogramming by three-dimensional culture enables dermal papilla cells to induce de novo human hair-follicle growth.