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SFRP2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12351b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q96HF1
Other Accession	P97299, NP_003004.1
Reactivity	Human, Rat, Mouse
Predicted	Mouse, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31048
Calculated MW	33490
Antigen Region	263-292

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~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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.

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

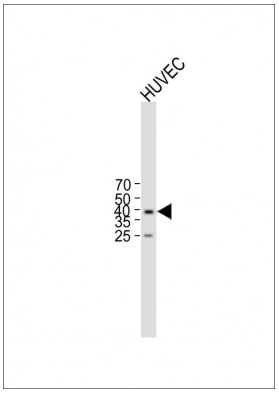
Background

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].

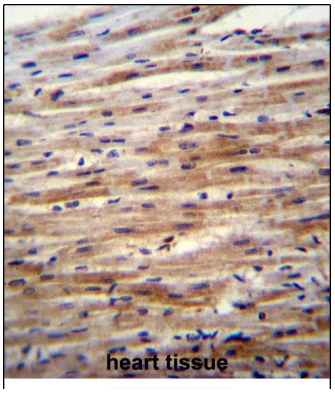
References

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) :

Images



All lanes : Anti-SFRP2 Antibody (C-term)at 1:2000 dilution Lane 1:HUVEC cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size :38kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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.

Citations

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

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