

Product datasheet

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ARG43289 anti-SFRP4 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes SFRP4

Tested Reactivity Hu, Ms, Rat

Tested Application FACS, ICC/IF, IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name SFRP4

Species Human

Immunogen Synthetic peptide derived from Human SFRP4.

Conjugation Un-conjugated

Alternate Names Frizzled protein, human endometrium; FRP-4; FRPHE; Secreted frizzled-related protein 4; FrpHE; sFRP-4

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	293T	
Observed Size	~ 51 kDa	

Properties

Form	Liquid	
Purification	Affinity purified.	
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.	
Preservative	0.02% Sodium azide	
Stabilizer	50% Glycerol	
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.	

Bioinformation

Gene Symbol SFRP4

Gene Full Name secreted frizzled-related protein 4

Background Secreted frizzled-related protein 4 (SFRP4) is 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. The expression of SFRP4 in ventricular myocardium correlates with

apoptosis related gene expression. [provided by RefSeq, Jul 2008]

Function Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct

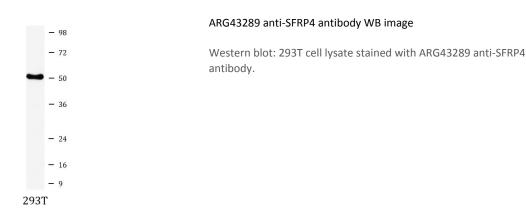
interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types (By similarity). SFRP4 plays a role in bone morphogenesis. May also act as a regulator of adult uterine morphology and function. May also increase apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling (By similarity). Has phosphaturic effects by specifically inhibiting sodium-

dependent phosphate uptake (PubMed:12952927). [UniProt]

Calculated Mw 40 kDa

Cellular Localization Secreted. Note=Cytoplasmic in ovarian tumor cells. [UniProt]

Images



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