

Product datasheet for **TA319261**

SFRP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:5,000-1:25,000, WB: 1:200-1:2,000, IHC: 1:800, IF: 5 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SFRP1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a 12 aa region of human Sfrp1 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	secreted frizzled related protein 1
Database Link:	NP_003003 Entrez Gene 20377 Mouse Entrez Gene 6422 Human Q8N474
Synonyms:	FRP; FRP-1; FRP1; FrzA; SARP2
Note:	Anti-SFRP1 is a Stem Cell Antibody. SFRP1 (also known as FRP, FRP1, SARP2, Secreted Apoptosis-related Protein 2, Secreted Frizzled-related Protein and Secreted frizzled-related protein 1) 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. SFRP1 and SFRP5 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP1 is expressed in several human tissues, with the highest levels in heart.

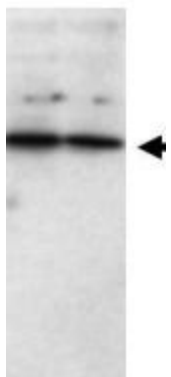


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Protein Families: Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway, Transmembrane

Protein Pathways: Wnt signaling pathway

Product images:



Western blot using Affinity Purified anti-SFRP1 antibody shows detection of a band ~37 kDa (arrowhead) corresponding to SFRP1 in lysates from human cultured airway epithelial cells. Lysates were run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:230 dilution of anti-SFRP1 antibody overnight at 4°C. Signal was detected using standard techniques. Personnel communication Becky Mercer, University of Columbia.



Affinity Purified anti-Human SFRP1 antibody was used at a 1:800 dilution for 20 min to detect SFRP1 in human dermal hypertrophic scar tissue. Tissue was formalin-fixed followed by heat mediated antigen retrieval prior to blocking. HRP Gt-a-Rabbit IgG (p/n 611-1302) is suitable for secondary antibody detection.