SFRP5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SFRP5, Polyclonal Antibody
Full Product Name	SFRP5 Conjugated Antibody
Product Gene Name	anti-SFRP5 antibody
Product Synonym Names	SARP3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total SFRP5 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	35kDa (311aa)
OMIM	604158
3D Structure	ModBase 3D Structure for Q5T4F7
Immunogen	Synthetic peptide corresponding to a region derived from internal residues of human secreted frizzled-related protein 5
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-SFRP5 antibody	Most Applications
Application Notes for anti-SFRP5 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-SFRP5 antibody	Secreted frizzled-related protein 5 (SFRP5) 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. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, and moderately expressed in the pancreas.
Other Notes	Small volumes of anti-SFRP5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SFRP5 purchase	MBS9447291 is an antibody targeting SFRP5. Also known as SFRP5 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SFRP5. It may not necessarily be applicable to this product.

NCBI GI #	188528609
NCBI GeneID	6425
NCBI Accession #	NP_003006
UniProt Primary Accession #	Q5T4F7
UniProt Secondary Accession #	O14780; Q86TH7
UniProt Related Accession #	Q5T4F7
GenBank Nucleotide #	NM_003015.3
NCBI Official Full Name	secreted frizzled-related protein 5
NCBI Official Synonym Full Names	secreted frizzled related protein 5
NCBI Official Symbol	SFRP5
NCBI Official Synonym Symbols	SARP3
UniProt Protein Name	Secreted frizzled-related protein 5
UniProt Synonym Protein Names	Frizzled-related protein 1b; FRP-1b; Secreted apoptosis-related protein 3
Protein Family	Secreted frizzled-related protein
UniProt Gene Name	SFRP5
UniProt Synonym Gene Names	FRP1B; SARP3; sFRP-5; FRP-1b; SARP-3
UniProt Entry Name	SFRP5_HUMAN
NCBI Protein Information	secreted frizzled-related protein 5
Research Articles on SFRP5	**1.** serum concentration correlated with blood pressure in obese children and increased in response to lifestyle intervention
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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