Rabbit SFRP2 Polyclonal Antibody | anti-SFRP2 antibody

SFRP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325101	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

SFRP2; Polyclonal Antibody; SFRP2 Antibody; AI851596; Frizzled related protein 2; FRP 2; FRP-2; FRP2; MGC128911; MGC153618; MGC53344; SARP 1; SARP-1; SARP1; SDF 5; SDF5; Secreted apoptosis related protein 1; Secreted apoptosis-related protein 1; Secreted frizzled related protein 2; Secreted frizzled-related protein 2; sFRP 2; sFRP-2; Sfrp2 protein; SFRP2_HUMAN; anti-SFRP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SFRP2 antibody detects endogenous levels of total SFRP2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	295
Applicable Applications for anti-SFRP2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Tissue Specificity	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.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus**
Similarity	Pig (100%), Bovine (90%), Horse (100%), Sheep (90%), Rabbit (100%), Dog (100%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of extracts from HuvEc cells using SFRP2 antibody.

IF (Immunofluorescence)
AAA325101 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of SFRP2 expression in Rat muscle lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SFRP2 antibody	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. Similarity: The FZ domain is involved in binding with Wnt ligands. Belongs to the secreted frizzled-related protein (sFRP) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48475052
NCBI GeneID	6423
NCBI Accession #	NP_003004.1
NCBI GenBank Nucleotide #	NM_003013.2
UniProt Accession #	Q96HF1; O14778; Q9HAP5; B3KQR2
Molecular Weight	Observed: 30 kD Predicted: 34 kDa
NCBI Official Full Name	secreted frizzled-related protein 2
NCBI Official Synonym Full Names	secreted frizzled related protein 2
NCBI Official Symbol	SFRP2
NCBI Official Synonym Symbols	FRP-2; SARP1; SDF-5
NCBI Protein Information	secreted frizzled-related protein 2
UniProt Protein Name	Secreted frizzled-related protein 2
UniProt Gene Name	**SFRP2**
UniProt Synonym Gene Names	FRP2; SARP1; FRP-2; sFRP-2; SARP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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