

Rabbit anti-Mouse SFRP1 Polyclonal Antibody | anti-SFRP1 antibody

Anti-SFRP1 Antibody, Rabbit Polyclonal

CATALOG # AAA255042	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
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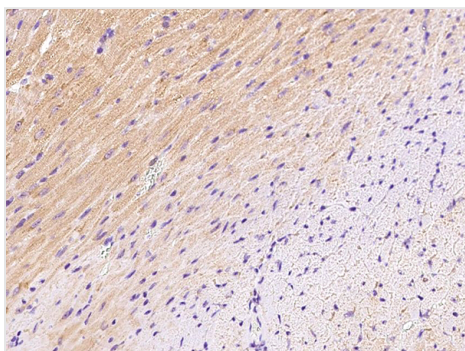
PRODUCT SYNONYMS

SFRP1; Polyclonal Antibody; Anti-SFRP1 Antibody; Rabbit Polyclonal; SFRP1 Antibody; Rabbit PAb; Antigen Affinity Purified; secreted frizzled-related protein 1; Anti-2210415K03Rik Antibody; Anti-AW011917 Antibody; Anti-AW107218 Antibody; Anti-AW742929 Antibody; Anti-sFRP-1 Antibody; anti-SFRP1 antibody

PRODUCT SPECIFICATIONS

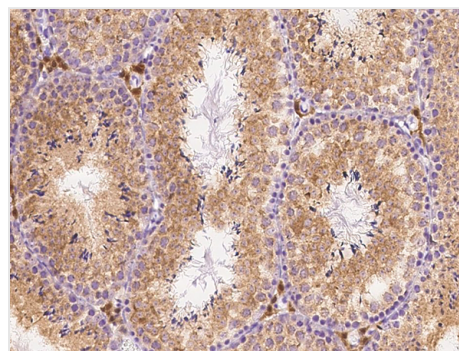
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse SFRP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SFRP1 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse SFRP1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse SFRP1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse Sfrp1 in mouse heart with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse Sfrp1 in mouse testis with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SFRP1 antibody	Secreted frizzled-related protein 1, also known as sFRP1, is a 35 kDa prototypical member of the SFRP family. SFRP family consists of five secreted glycoproteins in humans acting as extracellular signaling ligands. Each is approximately 3 amino acids in length and contains a cysteine-rich domain (CRD) that shares 3-5% sequence homology with the CRD of Frizzled (Fz) receptors, a putative signal sequence, and a conserved hydrophilic carboxy-terminal domain. SFRPs act as soluble modulators of Wnt signaling, counteracting Wnt-induced effects at high concentrations and promoting them at lower concentrations. SFRPs are able to bind Wnt proteins and Fz receptors in the extracellular compartment. The interaction between SFRPs and Wnt proteins prevents the latter from binding the Fz receptors. The Wnt pathway plays a key role in embryonic development, cell differentiation and cell proliferation. The deregulation of this critical developmental pathway occurs in several human tumor entities. Mouse sFRP1 is highly expressed in kidney and embryonic heart, as well as in the eye, where it is principally localized to the ciliary body and the lens epithelium.
References	Finch P.W., et al., (1997), Purification and molecular cloning of a secreted, Frizzled-related antagonist of Wnt action. Proc. Natl. Acad. Sci. U.S.A. 94:6770-6775.Melkonyan H.S., et al., (1997), SARPs: a family of secreted apoptosis-related proteins.Proc. Natl. Acad. Sci. U.S.A. 94:13636-13641.Zhou Z., et al., (1998), Up-regulation of human secreted frizzled homolog in apoptosis and its down-regulation in breast tumors.Int. J. Cancer 78:95-99.

NCBI AND UNIPROT INFORMATION

NCBI GI #	65301472
NCBI GeneID	20377
NCBI Accession #	NP_038862.2
NCBI GenBank Nucleotide #	NM_013834.3
UniProt Accession #	Q8C4U3; O08861; Q505A2; Q8R1J4
Molecular Weight	35,413 Da
NCBI Official Full Name	secreted frizzled-related protein 1
NCBI Official Synonym Full Names	secreted frizzled-related protein 1
NCBI Official Symbol	Sfrp1
NCBI Official Synonym Symbols	sFRP-1; AW011917; AW107218; AW742929; 2210415K03Rik
NCBI Protein Information	secreted frizzled-related protein 1; secreted frizzled-related sequence protein 1
UniProt Protein Name	Secreted frizzled-related protein 1
UniProt Gene Name	Sfrp1
UniProt Synonym Gene Names	sFRP-1
UniProt Entry Name	SFRP1_MOUSE

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sfrp1-antibody-immunohistochemistry-elisa/255042>