

Datasheet for ABIN7427168
anti-SFRP1 antibody (AA 32-314)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	SFRP1
Binding Specificity:	AA 32-314
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Secreted Frizzled Related Protein 1 (SFRP1)
Immunogen:	Recombinant Secreted Frizzled Related Protein 1 (SFRP1) corresponding to Ser32~Lys314 with N-terminal His Tag
Clone:	C5
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against SFRP1. It has been selected for its ability to recognize SFRP1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

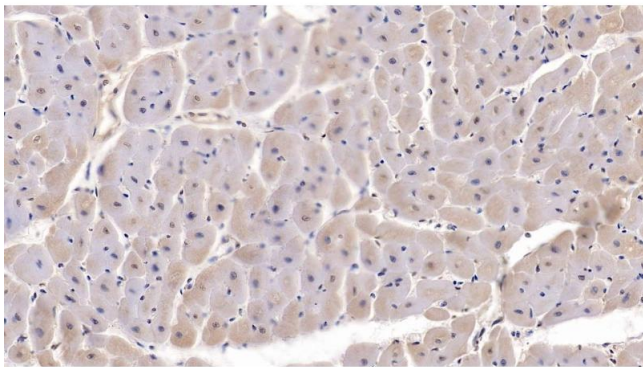
Target:	SFRP1
Alternative Name:	Secreted Frizzled Related Protein 1 (SFRP1 Products)
Background:	FRP1, FRP, FRP-1, FrzA, SARP2, Secreted apoptosis-related protein 2
Pathways:	WNT Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Negative Regulation of Hormone Secretion , Regulation of Intracellular Steroid Hormone Receptor Signaling , Stem Cell Maintenance , Tube Formation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

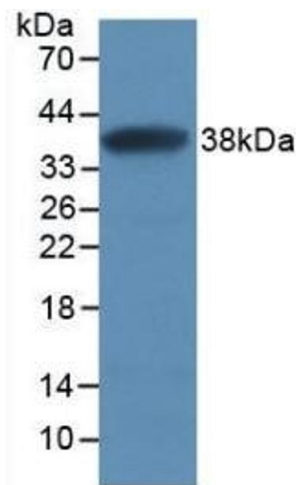
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



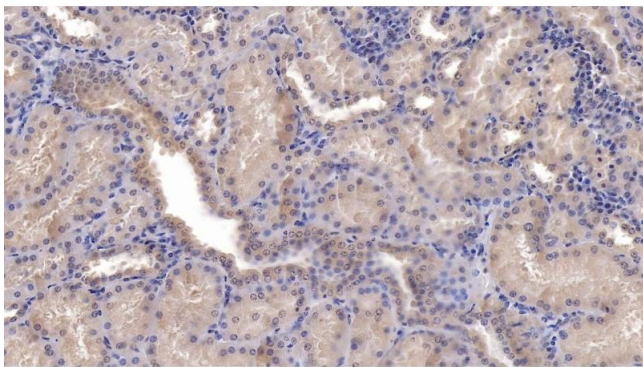
Immunohistochemistry

Image 1. Detection of SFRP1 in Human Cardiac Muscle Tissue using Monoclonal Antibody to Secreted Frizzled Related Protein 1 (SFRP1)



Western Blotting

Image 2. Detection of Recombinant SFRP1, Human using Monoclonal Antibody to Secreted Frizzled Related Protein 1 (SFRP1)



Immunohistochemistry

Image 3. Detection of SFRP1 in Human Kidney Tissue using Monoclonal Antibody to Secreted Frizzled Related Protein 1 (SFRP1)