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Datasheet for ABIN6147675  
**anti-SFRP2 antibody (AA 25-295)**

3 Images

Overview

Quantity:	100 µL
Target:	SFRP2
Binding Specificity:	AA 25-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SFRP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 25-295 of human SFRP2 (NP_003004.1).
Sequence:	LFLFGQPDFS YKRSNCKPIP ANLQLCHGIE YQNMRLPNLL GHETMKEVLE QAGAWIPLVM KQCHPDTKKF LCSLFAPVCL DDLDETIQPC HSLCVQVKDR CAPVMSAFGF PWPDMLECDR FPQDNDLCIP LASSDHLLPA TEEAPKVCEA CKNKNDDDDND IMETLCKNDF ALKIKVKEIT YINRDTKIIL ETKSKTIYKL NGVSERDLKK SVLWLKDSLQ CTCEEMNDIN APYLVMGQKQ GGELVITSVK RWQKGQREFK RISRSIRKLQ C
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	SFRP2
Alternative Name:	SFRP2 ( <a href="#">SFRP2 Products</a> )
Background:	This gene encodes 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. Methylation of this gene is a potential marker for the presence of colorectal cancer.,SFRP2,FRP-2,SARP1,SDF-5,Cancer,Invasion and Metastasis,Cell Biology & Developmental Biology,Growth factor,Wnt/ $\beta$ -Catenin Signaling Pathway,Stem Cells,Mesenchymal Stem Cells,Cardiovascular,Angiogenesis,Angiogenic growth factors,Heart,Cardiogenesis,SFRP2
Molecular Weight:	33 kDa
Gene ID:	6423
UniProt:	<a href="#">Q96HF1</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Tube Formation</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

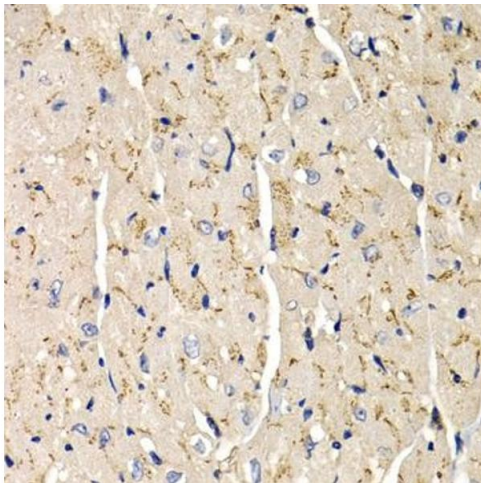
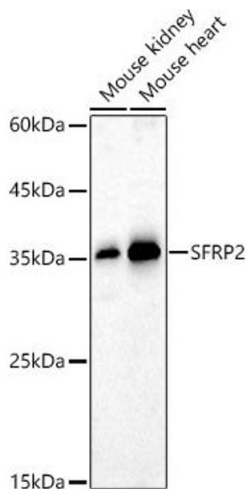
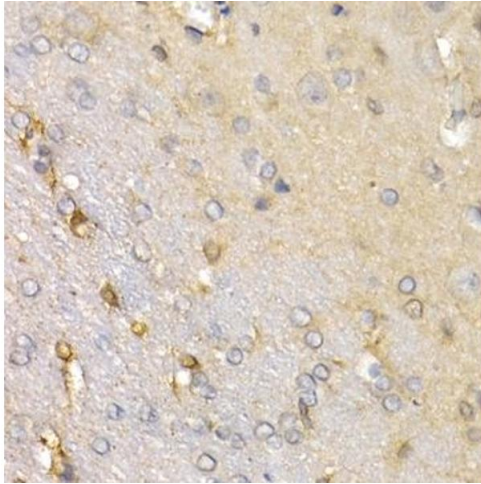
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat brain using SFRP2 antibody (ABIN6131355, ABIN6147675, ABIN6147677 and ABIN6221030) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using SFRP2 antibody (ABIN6131355, ABIN6147675, ABIN6147677 and ABIN6221030) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded mouse heart using SFRP2 antibody (ABIN6131355, ABIN6147675, ABIN6147677 and ABIN6221030) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.