

Datasheet: AHP1727

Description:	RABBIT ANTI SFRP1
Specificity:	SFRP1
Other names:	sFRIZZLED RELATED PROTEIN-1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin (1)	■			20ug/ml
ELISA	■			1/5000 - 1/25000
Western Blotting	■			1/200 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Bovine, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to Human SFRP1 were raised by repeated immunisation of Rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	A synthetic peptide corresponding to amino acids 43-54 of human SFRP1.

**External Database
Links**

UniProt:

[Q8N474](#) [Related reagents](#)

Entrez Gene:

[6422](#) SFRP1 [Related reagents](#)

Synonyms

FRP, FRP1, SARP2

Specificity

Rabbit anti Human SFRP1 antibody recognizes the human Secreted Frizzled-Related Protein 1 (SFRP1), a multi functional secreted protein belonging to the sFRP family.

sFRPS function as modulators of Wnt signalling and have a role in the regulation of cell growth and differentiation in specific cell types. SFRP1 is widely expressed in human tissues (though absent from the lung, liver and peripheral blood leucocytes). SFRP1 has an anti-proliferative effect upon vascular cells, delaying the G1 phase and entry into S-phase in the cell cycle.

**Histology Positive
Control Tissue**

Human heart

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR54...) [HRP](#)

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)
[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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