



[Go to Product page](#)

Datasheet for ABIN954759
anti-SFRP1 antibody (N-Term)

3 Images

Overview

Quantity:	0.4 mL
Target:	SFRP1
Binding Specificity:	AA 33-63, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 33~63 amino acids from the N-terminal region of Human SFRP1. Genename: SFRP1
Isotype:	Ig Fraction
Specificity:	Recognizes SFRP1 (N-term).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	SFRP1
Alternative Name:	SFRP1 (SFRP1 Products)
Background:	SFRP1 encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. Members of this family act as

Target Details

soluble modulators of Wnt signaling, epigenetic silencing of SFRP genes leads to deregulated activation of the Wnt-pathway which is associated with cancer.Synonyms: FRP, FRP-1, FRP1, SARP-2, SARP2, SFRP-1, Secreted apoptosis-related protein 2, Secreted frizzled-related protein 1

Gene ID: 6422

NCBI Accession: [NP_003003](#)

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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

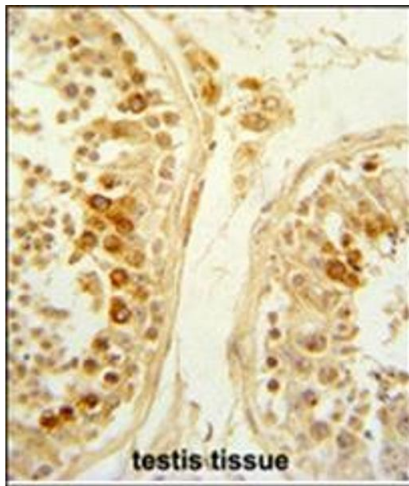
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

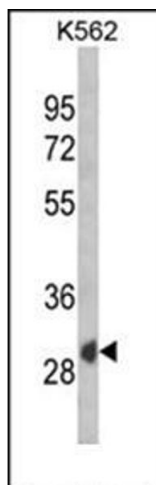
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



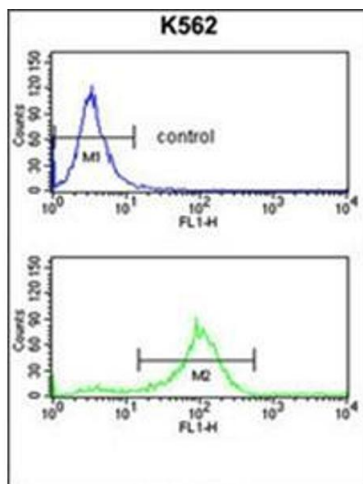
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-Fixed and paraffin-Embedded Human testis tissue reacted with SFRP1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of SFRP1 Antibody (N-term) Cat.-No AP53873PU-N in K562 cell line lysates (35ug/lane). SFRP1 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. Flow Cytometry analysis of K562 cells using SFRP1 Antibody (N-term) Cat.-No AP53873PU-N (Bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.