

Datasheet for ABIN570948  
**anti-SFRP4 antibody (Internal Region)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	SFRP4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SFRP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	SFRP4
Immunogen:	Peptide with sequence TNSSCQCPHILPHQD, from the internal region of the protein sequence according to NP_003005.2.
Sequence:	TNSSCQCPHI LPHQD
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

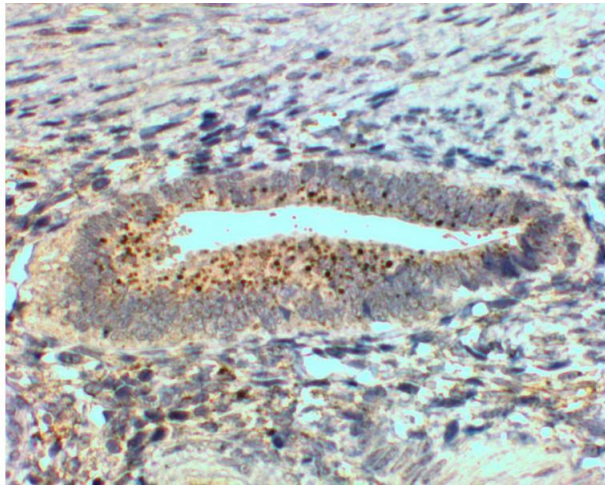
Target:	SFRP4
Alternative Name:	SFRP4 ( <a href="#">SFRP4 Products</a> )
Background:	SFRP4, secreted frizzled-related protein 4, FRP-4, FRPHE, MGC26498, secreted frizzled-related protein 4
Molecular Weight:	39.8kDa
Gene ID:	6424, 20379, 89803
NCBI Accession:	<a href="#">NP_003005</a>
Pathways:	<a href="#">WNT Signaling</a>

## Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Uterus shows granular staining in the apical cytoplasm of the endometrial gland. Recommended concentration, 2-4 µg/mL. Western Blot: Approx 40 kDa band observed in Human Uterus lysates (calculated MW of 39.8 kDa according to NP_003005.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

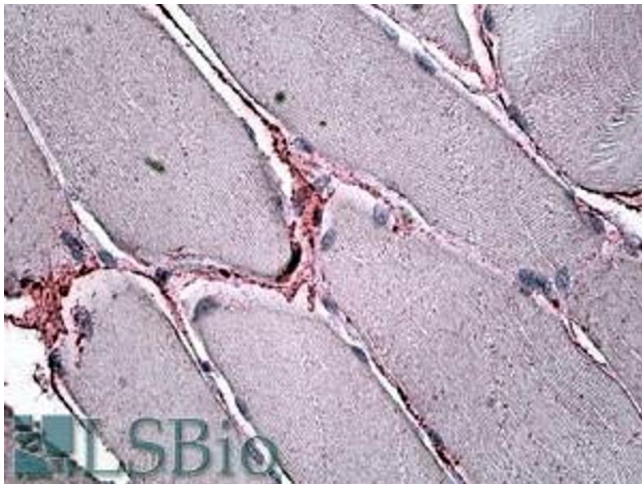
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

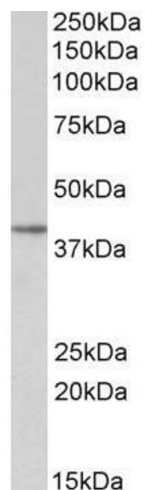


#### Immunohistochemistry

**Image 1.** ABIN570948 (2 µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



**Image 2.** ABIN570948 (3.8 µg/mL) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



#### Western Blotting

**Image 3.** ABIN570948 (0.5 µg/ml) staining of Human Uterus lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.