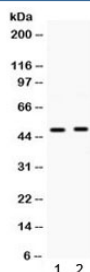


## SFRP4 Antibody (R32266)

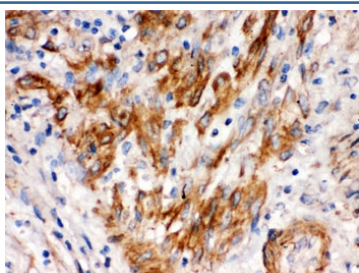
Catalog No.	Formulation	Size
R32266	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q6FHJ7
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
<b>Limitations</b>	This SFRP4 antibody is available for research use only.



Western blot testing of human 1) A549 and 2) SW620 cell lysate with SFRP4 antibody. Routinely observed molecular weight: 40-55 kDa depending on glycosylation level.



IHC testing of FFPE human endometrial carcinoma with SFRP4 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

## Description

Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. It is mapped to 7p14.1. The expression of SFRP4 in ventricular myocardium correlates with apoptosis related gene expression. And SFRP4 is a hub gene in a Type 2 Diabetes-associated gene coexpression module in human islets, and reduces glucose-induced insulin secretion through decreased  $\beta$ -cell exocytosis.

## Application Notes

Optimal dilution of the SFRP4 antibody should be determined by the researcher.

## Immunogen

Amino acids 22-303 of human SFRP4 were used as the immunogen for the SFRP4 antibody.

## Storage

After reconstitution, the SFRP4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.