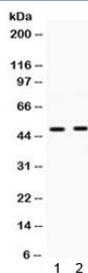


SFRP4 Antibody (R32266)

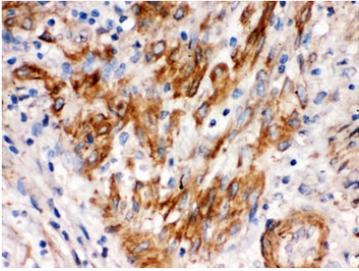
Catalog No.	Formulation	Size
R32266	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q6FHJ7
Localization	Cytoplasmic
Applications	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
Limitations	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 β -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.