

SFRP4 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14246**Specification**

SFRP4 Antibody (Internal) - Product Information

Application	WB
Primary Accession	Q6FHJ7
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	40kDa KDa

SFRP4 Antibody (Internal) - Additional Information**Gene ID** 6424**Other Names**

Secreted frizzled-related protein 4, sFRP-4, Frizzled protein, human endometrium, FrpHE, SFRP4, FRPHE

Target/Specificity

Human SFRP4.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

SFRP4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SFRP4 Antibody (Internal) - Protein Information**Name** SFRP4**Synonyms** FRPHE**Function**

Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types (By similarity). SFRP4 plays a role in bone morphogenesis. May also act as a regulator of adult uterine morphology and function. May also increase apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling (By similarity). Has phosphaturic effects by specifically inhibiting sodium-dependent phosphate uptake (PubMed:12952927).

Cellular Location

Secreted. Note=Cytoplasmic in ovarian tumor cells

Tissue Location

Expressed in mesenchymal cells. Highly expressed in the stroma of proliferative endometrium. Expressed in cardiomyocytes Shows moderate to strong expression in ovarian tumors with expression increasing as the tumor stage increases. In ovarian tumors, expression levels are inversely correlated with expression of CTNNB1 (at protein level).

SFRP4 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SFRP4 Antibody (Internal) - Images



SFRP4 antibody (0.3 ug/ml) staining of human uterus lysate (35 ug protein/ml in RIPA buffer).

SFRP4 Antibody (Internal) - Background

Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP4 may act as a regulator of adult uterine morphology and function. Increases apoptosis during ovulation possibly through modulation of FZ1/FZ4/WNT4 signaling (By similarity). Has phosphaturic effects by specifically inhibiting sodium-dependent phosphate uptake.

SFRP4 Antibody (Internal) - References

Abu-Jawdeh G.M.,et al.Lab. Invest. 79:439-447(1999).
Berndt T.,et al.J. Clin. Invest. 112:785-794(2003).
Drake J.M.,et al.Submitted (FEB-2006) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.