10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-SFRP4 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18618

Product Information

Application	WB, IHC-P, IF
Primary Accession	Q6FHJ7
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	39827

Additional Information

Gene ID	6424
Alias Symbol	SFRP4
Other Names	SFRP4, FRPHE, SFRP-4, FRP-4
Target/Specificity	Human SFRP4
Reconstitution & Storage	Affinity purified
Precautions	Anti-SFRP4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.