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FRZB antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13663

Product Information

Application	WB, IHC
Primary Accession	Q92765
Other Accession	NM_001463, NP_001454
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36254

Additional Information

Gene ID	2487
Alias Symbol	FRE, FRITZ, FRP-3, FRZB-1, FRZB-PEN, FRZB1, FZRB, SFRP3, SRFP3, hFIZ, OS1
Other Names	Secreted frizzled-related protein 3, sFRP-3, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, FRZB, FIZ, FRE, FRP, FRZB1, SFRP3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FRZB antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FRZB antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

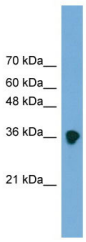
Name	FRZB
Synonyms	FIZ, FRE, FRP, FRZB1, SFRP3
Function	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP3/FRZB appears to be involved in limb skeletogenesis. Antagonist of Wnt8 signaling. Regulates chondrocyte maturation and long bone development.
Cellular Location	Secreted.

Tissue Location	Expressed primarily in the cartilaginous cores of the long bone during embryonic and fetal development and in the appendicular skeleton (6-13 weeks). At 13 weeks of gestation, transcripts were present in early chondroblasts of the tarsal bones of the foot, the carpal bones of the hands and the epiphysis of long bones. Highly expressed in placenta and heart, followed by brain, skeletal muscle, kidney and pancreas. Weakly expressed in lung and liver

References

Hoang B.,et al.J. Biol. Chem. 271:26131-26137(1996).
Mayr T.,et al.Mech. Dev. 63:109-125(1997).
Leyns L.,et al.Cell 88:747-756(1997).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).

Images



WB Suggested Anti-FRZB Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Transfected 293T