



Rabbit Anti-FRZB/FRP-3 antibody

SL16185R

Product Name:	FRZB/FRP-3
Chinese Name:	FRZB蛋白抗体
Alias:	FIZ; FRE; Frezzled; Fritz; Frizzled-related protein 1; FRP; FrzB 1; FRZB; MYOZ3_HUMAN; FRZB1; OTTMUSP00000014350; RP23-33L19.1; Secreted frizzled related protein 3 [Precursor]; Secreted frizzled related sequence protein 3; sFRP 3; SFRP.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	27kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FRZB/FRP-3:1-100/251
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a secreted protein that is involved in the regulation of bone development. Defects in this gene are a cause of female-specific osteoarthritis (OA) susceptibility. [provided by RefSeq, Apr 2010]

Function:

SFRP3/FRZB appears to be involved in limb skeletogenesis by regulating chondrocyte maturation and long bone development. 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. Antagonist of Wnt8 signaling.

Subcellular Location:

Secreted

Tissue Specificity:

Expressed specifically in skeletal muscle. Not detected in heart.

Similarity:

Belongs to the myozenin family.

SWISS:

Q92765

Gene ID:

2487

Database links:

[Entrez Gene: 2487](#) Human

[Omim: 605083](#) Human

[SwissProt: Q92765](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.