

FRZB/FRP-3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56170**Specification****FRZB/FRP-3 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q92765
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FRZB/FRP-3
Epitope Specificity	1-100/251
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted
SIMILARITY	Belongs to the myozenin family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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]

FRZB/FRP-3 Polyclonal Antibody - Additional Information

Gene ID 2487

Other Names

Secreted frizzled-related protein 3, sFRP-3, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, FRZB, FIZ, FRE, FRP, FRZB1, SFRP3

Target/Specificity

Expressed specifically in skeletal muscle. Not detected in heart.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

FRZB/FRP-3 Polyclonal Antibody - 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

FRZB/FRP-3 Polyclonal Antibody - 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](#)

FRZB/FRP-3 Polyclonal Antibody - Images