

Datasheet for ABIN2785777
anti-FRZB antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	FRZB
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FRZB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FRZB
Sequence:	HSTQANAILA IEQFEGLLGT HCSPDLLFFL CAMYAPICTI DFQHEPIKPC
Predicted Reactivity:	Cow: 100%, Dog: 79%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against FRZB. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FRZB
Alternative Name:	FRZB (FRZB Products)

Target Details

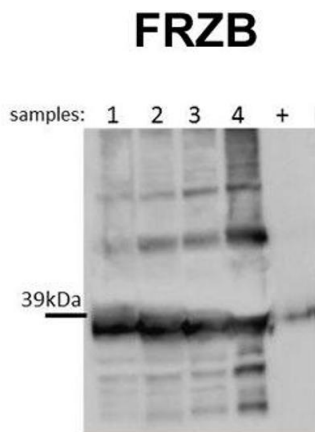
Background:	The protein encoded by this gene is a secreted protein that is involved in the regulation of bone development. Defects in this gene are a cause of female-specific osteoarthritis (OA) susceptibility. Alias Symbols: FRE, FRITZ, FRP-3, FRZB-1, FRZB-PEN, FRZB1, FZRB, OS1, SFRP3, SRFP3, hFIZ Protein Interaction Partner: BBS10, PNO1, EHF, POLA2, RBX1, SMAD1, ELF5, Protein Size: 325
Molecular Weight:	36 kDa
Gene ID:	2487
NCBI Accession:	NM_001463 , NP_001454
UniProt:	Q92765
Pathways:	WNT Signaling , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 325 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



See Immunoblot 2 Data and Customer Feedback tab for more information.

Western Blotting

Image 1. WB Suggested Anti-FRZB Antibody

Titration: 0.4 ug/ml

Positive Control: human synovium patient