

Datasheet for ABIN2785778  
**anti-FRZB antibody (Middle Region)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	FRZB
Binding Specificity:	Middle Region
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), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FRZB
Sequence:	VVEVKEILKS SLVNIPRDTV NLYTSSGCLC PPLNVNEEYI IMGYEDEERS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 92%
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 ( <a href="#">FRZB Products</a> )

## Target Details

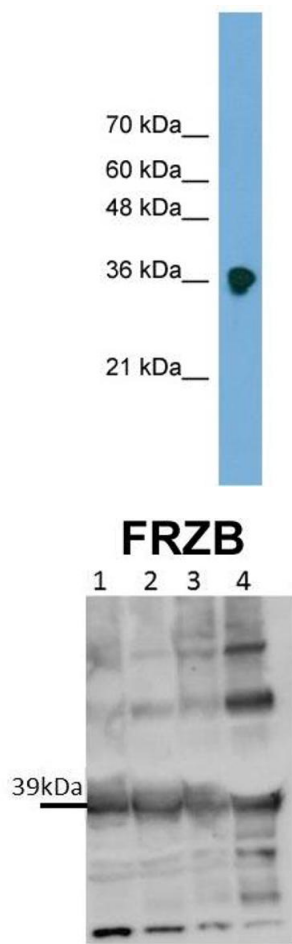
Background:	<p>The protein encoded by this gene is a secreted protein that is involved in the regulation of bone development. Defects in this gene are a cause of female-specific osteoarthritis (OA) susceptibility.</p> <p>Alias Symbols: FRE, FRITZ, FRP-3, FRZB-1, FRZB-PEN, FRZB1, FZRB, SFRP3, SRFP3, hFIZ,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

## 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:** 0.2-1 ug/ml

**ELISA Titer:** 1:1562500

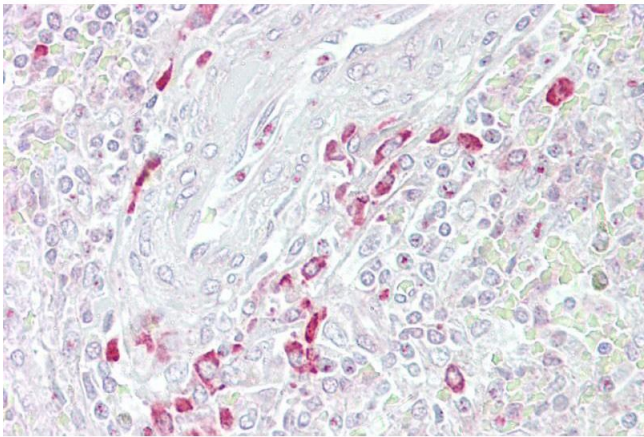
**Positive Control:** Transfected 293T

**Western Blotting**

**Image 2. WB Suggested Anti-FRZB Antibody**

**Titration:** 0.4 ug/ml

**Positive Control:** human synovium patient



**Immunohistochemistry**

**Image 3.** Immunohistochemistry with Spleen tissue at an antibody concentration of 5µg/ml using anti-FRZB antibody (ARP54571\_P050)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2785778.