

Datasheet for ABIN6134167

**anti-FBX032 antibody**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	FBX032
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBX032 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthetic peptide of human Fbx32/FBOX32
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	FBX032
Alternative Name:	FBX032 ( <a href="#">FBX032 Products</a> )
Background:	This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four

## Target Details

subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and contains an F-box domain. This protein is highly expressed during muscle atrophy, whereas mice deficient in this gene were found to be resistant to atrophy. This protein is thus a potential drug target for the treatment of muscle atrophy. Alternative splicing results in multiple transcript variants encoding different isoforms.,FBXO32,Fbx32,MAFbx,Cell Biology & Developmental Biology,Ubiquitin,Stem Cells,Mesenchymal Stem Cells,Cardiovascular,Heart,Hypertrophy,FBXO32

Molecular Weight:	30 kDa/41 kDa
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Gene ID:	114907
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UniProt:	<a href="#">Q969P5</a>
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## Application Details

Application Notes:	WB,1:500 - 1:1000,IF,1:50 - 1:200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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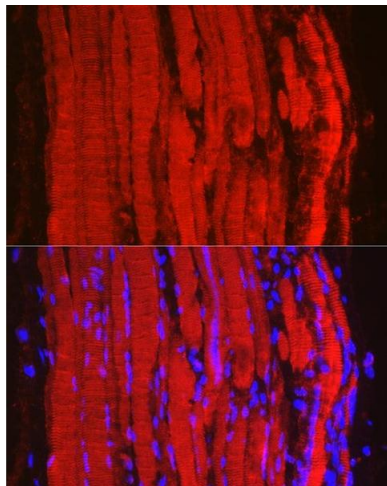
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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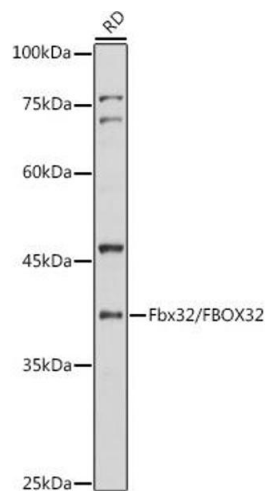
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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### Immunofluorescence

**Image 1.** Immunofluorescence analysis of mouse skeletal muscle using Fbx32/FBOX32 Rabbit pAb (ABIN6134167, ABIN6140522 and ABIN7101804) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of RD cells, using Fbx32/FBOX32 antibody (ABIN6134167, ABIN6140522 and ABIN7101804) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.