Datasheet for ABIN3017562

# anti-FBXO32 antibody (AA 206-355)

5 Images

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | FBXO32 |
| Binding Specificity: | AA 206-355 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FBXO32 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 206-355 of human Fbx32/FBOX32 (NP_478136.1). |
| Sequence: | WQQQLNNIQI TRPAFKGLTF TDLPLCLQLN IMQRLSDGRD LVSLGQAAPD LHVLSEDRLL WKKLCQYHFS ERQIRKRLIL SDKGQLDWKK MYFKLVRCYP RKEQYGDTLQ LCKHCHILSW KGTDHPCTAN NPESCSVSLS PQDFINLFKF |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

## Target Details

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|---|---|
| Target: | FBXO32 |
| Alternative Name: | FBXO32 (FBXO32 Products) |
| 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 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: | 27 kDa/42 kDa |
| Gene ID: | 114907 |
| UniProt: | Q969P5 |

## Application Details

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|---|---|
| Application Notes: | WB,1:1000 - 1:2000 |
| Restrictions: | For Research Use only |

## Handling

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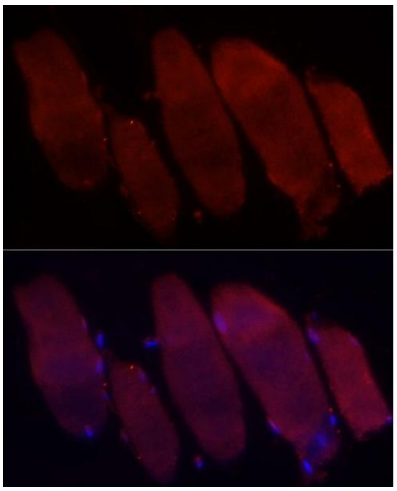
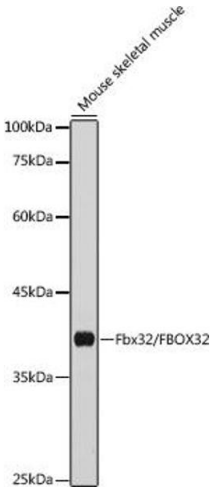
|---|---|
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store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



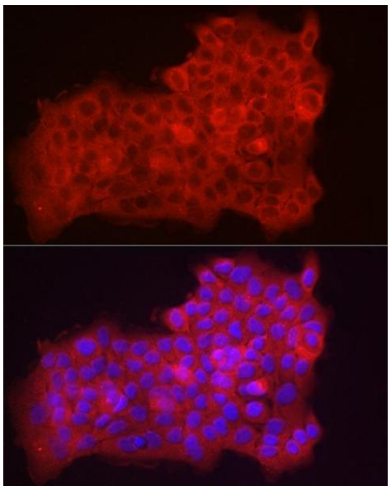
## Immunofluorescence

**Image 1.** Immunofluorescence analysis of rat skeletal muscle cells using Fbx32/FBOX32 Rabbit pAb (ABIN3017561, ABIN3017562, ABIN3017563, ABIN1679825 and ABIN6220155) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.




## Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse skeletal muscle, using Fbx32/FBOX32 antibody (ABIN3017561, ABIN3017562, ABIN3017563, ABIN1679825 and ABIN6220155) 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: 10s.



## Immunofluorescence

**Image 3.** Immunofluorescence analysis of cells using Fbx32/FBOX32 Rabbit pAb (ABIN3017561, ABIN3017562, ABIN3017563, ABIN1679825 and ABIN6220155) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 5 images are available for ABIN3017562.