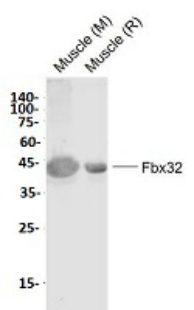
RecomAb™

# FBXO32 recombinant monoclonal antibody

Catalog # RAB02648 Size 100 uL

## Applications




### Western Blot (Tissue lysate)

Western blot analysis with FBXO32 recombinant monoclonal antibody (Cat # RAB02648) at 1:1000 dilution.

## Specification

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|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human FBXO32. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against recombinant human FBXO32:1-200/355. |
| **Theoretical MW (kDa)** | 42 |
| **Reactivity** | Mouse, Rat |
| **Specificity** | This antibody detects endogenous levels of Fbx32 protein. |
| **Form** | Liquid |
| **Purification** | Protein A purification |
| **Isotype** | IgG |
| **Recommend Usage** | Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 0.01M TBS, pH7.4 (1% BSA, 0.03% Proclin300 and 50% Glycerol) |

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| **Storage Instruction** | Store at 4°C short term.<br>Aliquot and store at -20°C long term.<br>Avoid freeze-thaw cycles. |

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## Gene Info — FBXO32

| | |
|---|---|
| **Entrez GeneID** | 114907 |
| **Protein Accession#** | Q969P5 |
| **Gene Name** | FBXO32 |
| **Gene Alias** | FLJ32424, Fbx32, MAFbx, MGC33610 |
| **Gene Description** | F-box protein 32 |
| **Omim ID** | 606604 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a member of the F-box protein family which is characterized by an approximat ely 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ub iquitin 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 F bxs 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 po tential drug target for the treatment of muscle atrophy. Alternative splicing of this gene results in tw o transcript variants encoding two isoforms of different sizes. [provided by RefSeq |
| **Other Designations** | F-box only protein 32\|atrogin 1\|muscle atrophy F-box protein |