



Anti-FBXO32 monoclonal antibody (DCABH-11531)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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 of this gene results in two transcript variants encoding two isoforms of different sizes. |
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| Immunogen | A synthetic peptide of human FBXO32 is used for rabbit immunization. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Protein A |
| Conjugate | Unconjugated |
| Applications | Western Blot (Transfected lysate); ELISA |
| Buffer | In 1x PBS, pH 7.4 |
| Preservative | None |

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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| Gene Name | FBXO32 F-box protein 32 [Homo sapiens] |
| Official Symbol | FBXO32 |
| Synonyms | FBXO32; F-box protein 32; F box only protein 32; F-box only protein 32; ATROGIN1; Fbx32; MAFbx; atrogin 1; atrogin-1; muscle atrophy F-box protein; FLJ32424; MGC33610; |
| Entrez Gene ID | 114907 |
| Protein Refseq | NP_001229392 |
| UniProt ID | Q969P5 |
| Chromosome Location | 8q24.13 |
| Pathway | FoxO family signaling, organism-specific biosystem; Monoamine Transport, organism-specific biosystem; |