

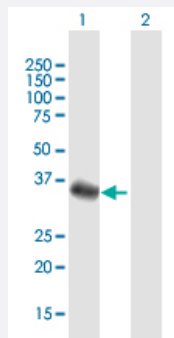
MaxPab®

FBXO32 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00114907-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FBXO32 expression in transfected 293T cell line ([H00114907-T01](#)) by FBXO32 MaxPab polyclonal antibody.

Lane 1: FBXO32 transfected lysate(39.05 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FBXO32 protein.

Immunogen

FBXO32 (ENSP00000287396, 1 a.a. ~ 355 a.a) full-length human protein.

Sequence

MPFLGQDWRSPGQNWVKTADGWKRFLDEKSGSFVSDLSSYCNKEVYNKENLFNSLNVDVAAK
KRKCDMLNSKTKTQYFHQEKWIYVHKGSTKERHGYCTLGEAFNRLDFSTAILDSRRFNYYVRLLELI
AKSQTSLSGIAQKNFMNILEKVVLKVLEDQQNIRLIRELLQTLTSLCTLVQRVGKSVLVGNINMWV
YRMETILHWQQQLNNIQTTPAFKGLTFTDLPLCLQLNIMQRLSDGRDLVSLGQAAPDLHVLSEDRL
LWKKLCQYHFSEQRIRKLILSDKGQLDWKKMYFKLVRCYPRKEQYGDTLQLCKHCHILSWKGTD
HPCTANNPESCSVSLSPQDFINLFKF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (96); Rat (95)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

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[Protocol Download](#)

Gene Info — FBXO32

Entrez GeneID [114907](#)

GeneBank Accession# [NM_058229.2](#)

Protein Accession# [ENSP00000287396](#)

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 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. [provided by RefSeq]

Other Designations F-box only protein 32|atrogin 1|muscle atrophy F-box protein