

# FBXO32 Polyclonal antibody

Catalog Number: 12866-1-AP

Featured Product

19 Publications

## Basic Information

**Catalog Number:**

12866-1-AP

**Size:**

350 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3474

**GenBank Accession Number:**

BC024030

**GeneID (NCBI):**

114907

**UNIPROT ID:**

Q969P5

**Full Name:**

F-box protein 32

**Calculated MW:**

355 aa, 42 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

IHC, IP, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse, zebrafish, pig, squirrel

## Background Information

FBXO32 (F box only protein 32), also known as Atrogin 1 or MAFbx, is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif F-box. This protein is an E3 ubiquitin ligase that is markedly up-regulated in muscle atrophy. FBXO32 is thus a potential drug target for the treatment of muscle atrophy. Some data support that FBXO32 may play an important role in tumorigenesis. Recent study reveal that FBXO32 targets the oncogenic protein c-Myc for ubiquitination and degradation through the proteasome pathway.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dahu Chen	33240028	Food Nutr Res	WB
Wenliang Zhang	34580406	Sci Rep	WB
Chiao-Nan Chen	31676964	Geroscience	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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