

FBXO32 Polyclonal antibody

Catalog Number: 12866-1-AP

Featured Product

19 Publications

Basic Information

Catalog Number:

12866-1-AP

GenBank Accession Number:

BC024030

Purification Method:

Antigen affinity purification

Size:

150ul , Concentration: 347 µg/ml by Bradford method using BSA as the standard;

GeneID (NCBI):

114907

Full Name:

F-box protein 32

Source:

Rabbit

Calculated MW:

355 aa, 42 kDa

Isotype:

IgG

Immunogen Catalog Number:

AG3474

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

***** 20ul sizes contain 0.1% BSA**

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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W: ptglab.com**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

