

For Research Use Only

FBXO32 Polyclonal antibody

Catalog Number: 12866-1-AP

Featured Product

21 Publications



Basic Information

Catalog Number:

12866-1-AP

Size:

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

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:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig, zebrafish, 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

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:

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