

For Research Use Only

FBXO32 Polyclonal antibody

Catalog Number: 28541-1-AP



Basic Information

Catalog Number: 28541-1-AP	GenBank Accession Number: BC024030	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 114907	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q969P5	
Isotype: IgG	Full Name: F-box protein 32	
Immunogen Catalog Number: AG29410	Calculated MW: 355 aa, 42 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC: mouse skeletal muscle tissue,
Species Specificity: Human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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.

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:

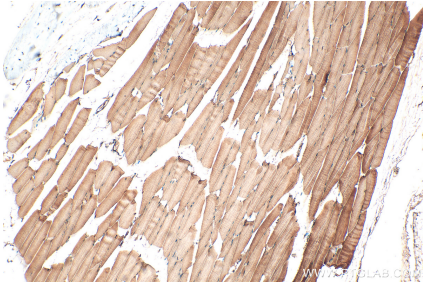
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 28541-1-AP (FBXO32 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).