

For Research Use Only

FBXO32 Recombinant antibody

Catalog Number: 82941-1-RR



Basic Information

Catalog Number: 82941-1-RR	GenBank Accession Number: BC024030	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 114907	CloneNo.: 230243H7
Source: Rabbit	UNIPROT ID: Q969P5	
Isotype: IgG	Full Name: F-box protein 32	
Immunogen Catalog Number: AG29394	Calculated MW: 355 aa, 42 kDa	

Applications

Tested Applications:
FC, ELISA

Species Specificity:
Human

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:

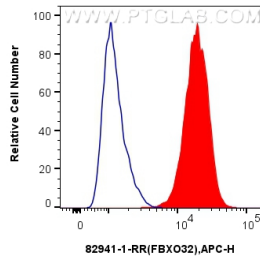
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Selected Validation Data



1x10⁶ U-251 cells were intracellularly stained with 0.25 ug Anti-Human FBXO32 (82941-1-RR, Clone:230243H7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.