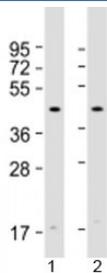


## Atrogin 1 Antibody / FBXO32 (F53855)

Catalog No.	Formulation	Size
F53855-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53855-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Mouse, Pig, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q969P5
<b>Applications</b>	Western Blot : 1:1000-2000
<b>Limitations</b>	This Atrogin 1 antibody is available for research use only.



Western blot testing of human 1) HeLa and 2) Jurkat cell lysate with Atrogin 1 antibody at 1:2000. Predicted molecular weight: 42 kDa.

### Description

F-box only protein 32 / Atrogin 1 is a substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins during skeletal muscle atrophy. Recognizes TERF1.

### Application Notes

Titration of the Atrogin 1 antibody may be required due to differences in protocols and substrate sensitivity.

## **Immunogen**

A portion of amino acids 17-49 from the human protein was used as the immunogen for the Atrogin 1 antibody.

## **Storage**

Aliquot the Atrogin 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.