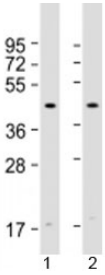
Atrogin 1 Antibody / FBXO32 (F53855)

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

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Pig, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q969P5
Applications	Western blot: 1:1000-2000
Limitations	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.

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