

FBXO32 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2885a**Specification**

FBXO32 Antibody (internal region) - Product Information

Application	WB, Pep-ELISA
Primary Accession	Q969P5
Other Accession	NP_478136.1 , 114907 , 67731 (mouse) , 171043 (rat)
Reactivity	Human, Mouse
Predicted	Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41637

FBXO32 Antibody (internal region) - Additional Information**Gene ID** 114907**Other Names**

F-box only protein 32, Atrogin-1, Muscle atrophy F-box protein, MAFbx, FBXO32

Dilution

WB~~1:1000

Pep-ELISA~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FBXO32 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FBXO32 Antibody (internal region) - Protein Information**Name** FBXO32**Function**

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.

Cellular Location

Cytoplasm. Nucleus Note=Shuttles between cytoplasm and the nucleus

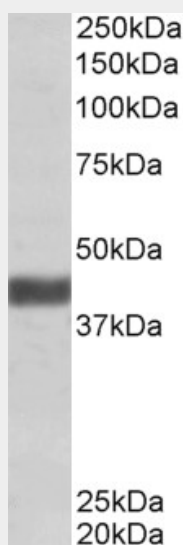
Tissue Location

Specifically expressed in cardiac and skeletal muscle

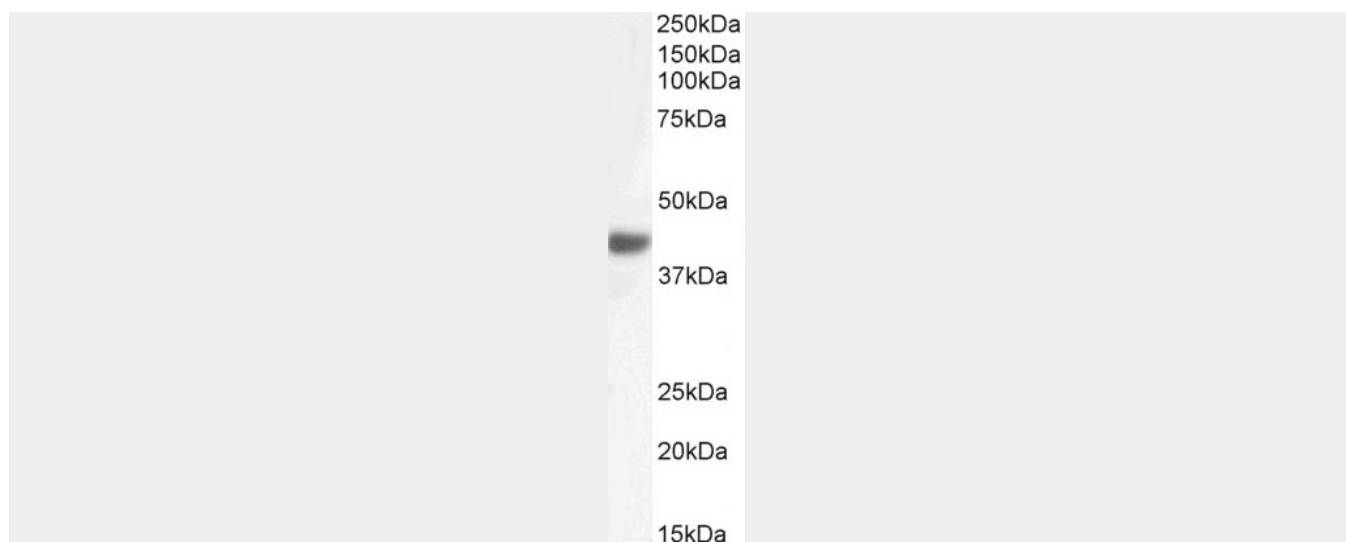
FBXO32 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FBXO32 Antibody (internal region) - Images

AF2885a (1 µg/ml) staining of Human Skeletal Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09088 (0.3 μ g/ml) staining of Mouse Skeletal Muscle lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

FBXO32 Antibody (internal region) - Background

This antibody is expected to recognize reported isoform 1 (NP_478136.1).

FBXO32 Antibody (internal region) - References

The muscle-specific ubiquitin ligase atrogin-1/MAFbx mediates statin-induced muscle toxicity. Hanai J, Cao P, Tanksale P, Imamura S, Koshimizu E, Zhao J, Kishi S, Yamashita M, Phillips PS, Sukhatme VP, Lecker SH. J Clin Invest. 2007 Dec;117(12):3940-51. PMID: 17992259