

Rabbit FBXO32 Polyclonal Antibody | anti-FBXO32 antibody

FBXO32 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326819	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

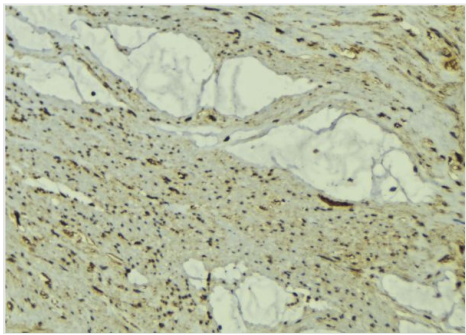
PRODUCT SYNONYMS

FBXO32; Polyclonal Antibody; FBXO32 Antibody; 4833442G10Rik; AI430017; Atrogin 1; Atrogin-1; ATROGIN1; Atrophy gene 1; F box only protein 32; F-box only protein 32; F-box protein 32; FBX32_HUMAN; fbxo25; FLJ32424; MAFbx; MGC108443; MGC137646; MGC33610; Muscle atrophy F box; Muscle atrophy F box protein; Muscle atrophy F-box protein; anti-FBXO32 antibody

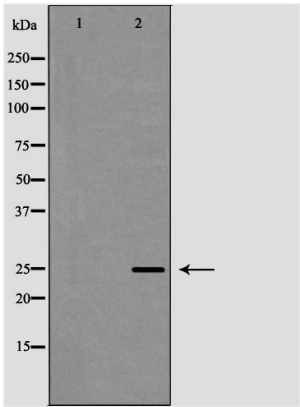
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FBXO32 antibody detects endogenous levels of total FBXO32
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	262
Applicable Applications for anti-FBXO32 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FBXO32
Subcellular Location	Nucleus
Tissue Specificity	Specifically expressed in cardiac and skeletal muscle.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326819 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Mouse heart lysate, using FBXO32 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FBXO32 antibody	Description: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and contains an F-box domain. This protein is highly expressed during muscle atrophy, whereas mice deficient in this gene were found to be resistant to atrophy. This protein is thus a potential drug target for the treatment of muscle atrophy. Alternative splicing results in multiple transcript variants encoding different isoforms. 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. Subunit Structure: Part of the SCF (SKP1-CUL1-F-box) E3 ubiquitin-protein ligase complex SCF(FBXO32) formed of CUL1, SKP1, RBX1 and FBXO32.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	335057520
NCBI GeneID	114907
NCBI Accession #	NP_001229392.1
NCBI GenBank Nucleotide #	NM_001242463.1
UniProt Accession #	Q969P5; A4KYM0
Molecular Weight	Observed: 25 kDa Predicted: 42 kDa
NCBI Official Full Name	F-box only protein 32 isoform 3
NCBI Official Synonym Full Names	F-box protein 32
NCBI Official Symbol	FBXO32
NCBI Official Synonym Symbols	Fbx32; MAFbx
NCBI Protein Information	F-box only protein 32
UniProt Protein Name	F-box only protein 32
UniProt Gene Name	FBXO32

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fbxo32-antibody-immunohistochemistry-western-blot-elisa/326819>