

ARG64846 anti-FBXO32 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FBXO32
Tested Reactivity	Ms
Predict Reactivity	Hu, Rat, Cow, Pig
Tested Application	WB
Specificity	This antibody is expected to recognize reported isoform 1 (NP_478136.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FBXO32
Species	Human
Immunogen	C-NSKTKTQYFHQEK
Conjugation	Un-conjugated
Alternate Names	Muscle atrophy F-box protein; Atrogin-1; F-box only protein 32; Fbx32; MAFbx

Application Instructions

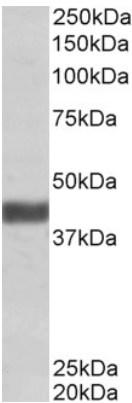
Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.
Bioinformation	
Database links	GeneID: 67731 Mouse Swiss-port # Q9CPU7 Mouse
Background	<p>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. [provided by RefSeq, Jun 2011]</p>
Research Area	Cell Biology and Cellular Response antibody; Developmental Biology antibody
Calculated Mw	42 kDa

Images



ARG64846 anti-FBXO32 antibody WB image

Western Blot: Human Skeletal Muscle lysate (35 µg protein in RIPA buffer) stained with ARG64846 anti-FBXO32 antibody at 1 µg/ml dilution.



ARG64846 anti-FBXO32 antibody WB image

Western blot: 35 µg of Mouse skeletal muscle lysate (in RIPA buffer) stained with ARG64846 anti-FBXO32 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.