

## Goat anti-FBXO32 Antibody

<b>Item Number</b>	dAP-1727
<b>Target Molecule</b>	Principle Name: FBXO32; Official Symbol: FBXO32; All Names and Symbols: FBXO32; F-box protein 32; FLJ32424; Fbx32; MAFbx; MGC33610; F-box only protein 32; atrogin 1; muscle atrophy F-box protein; Accession Number (s): NP_478136.1; Human Gene ID(s): 114907; Non-Human GeneID(s): 67731 (mouse) 171043 (rat)
<b>Immunogen</b>	NSKTKTQYFHQEK, is from internal region This antibody is expected to recognize reported isoform 1 (NP_478136.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Approx. 40kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 41.5kDa according to Mouse NP_080622.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Hanai J, Cao P, Tanksale P, Imamura S, Koshimizu E, Zhao J, Kishi S, Yamashita M, Phillips PS, Sukhatme VP, Lecker SH. The muscle-specific ubiquitin ligase atrogin-1/MAFbx mediates statin-induced muscle toxicity. <i>J Clin Invest.</i> 2007 Dec;117(12):3940-51.. PMID: 17992259->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**