FBXO32 Antibody

Cat.#: DF7075  
Concn.: 1mg/ml  
Mol.Wt.: 25kDa

Size: 100ul,200ul  
Source: Rabbit  
Clonality: Polyclonal

Application:  
WB 1:500-1:1000, IHC 1:50-1:100, ELISA(peptide)  
1:20000-1:40000

Reactivity:  
Human,Mouse,Rat

Purification:  
The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity:  
FBXO32 Antibody detects endogenous levels of total FBXO32.

Immunogen:  
A synthesized peptide derived from human FBXO32, corresponding to a region within N-terminal amino acids.

Uniprot:  
Q969P5

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: Fbw5s containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbx5s containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbx5s 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.

Storage Condition and Buffer:  
Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.
Western blot analysis of extracts from Rat skeletal muscle, using FBXO32 Antibody. The lane on the left was treated with blocking peptide.

DF7075 at 1/100 staining Rat heart 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

DF7075 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°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary antibody.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.