

Product datasheet for **TA324175S**

Fbx32 (FBXO32) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse heart tissue lysate IHC: 50-200 Positive control: Human colorectal cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25 kDa
Gene Name:	F-box protein 32
Database Link:	NP_001229392 Entrez Gene 67731 Mouse Entrez Gene 171043 Rat Entrez Gene 114907 Human Q969P5



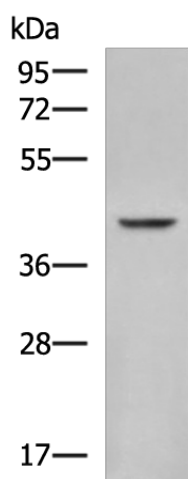
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Background:

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.

Synonyms:

Fbx32; MAFbx

Product images:

Gel: 8%SDS-PAGE

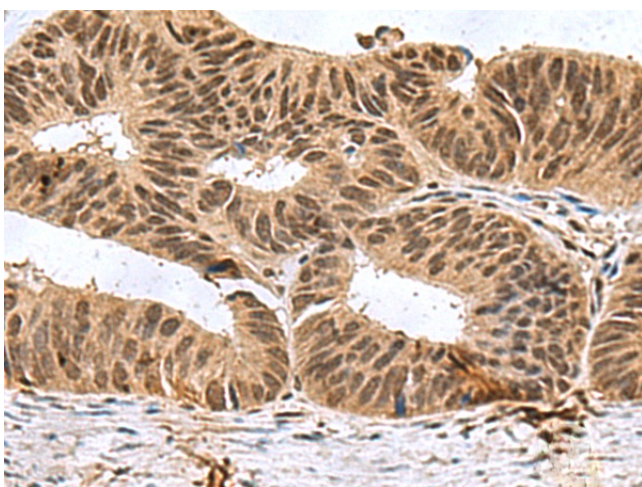
Lysate: 40 µg

Lane: Mouse heart tissue lysate

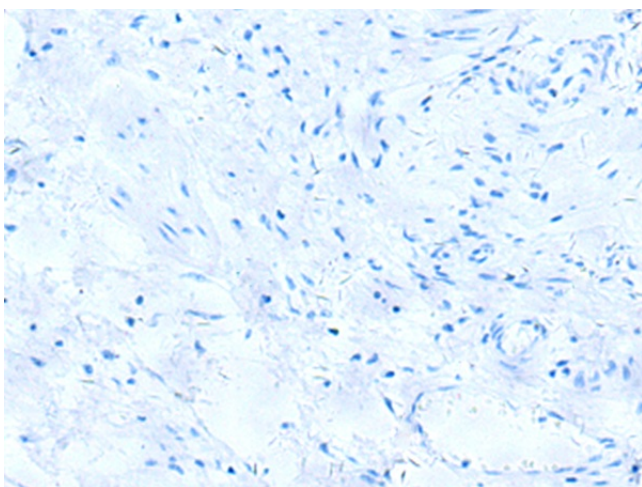
Primary antibody: [TA324175] (FBXO32 Antibody) at dilution 1/850

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

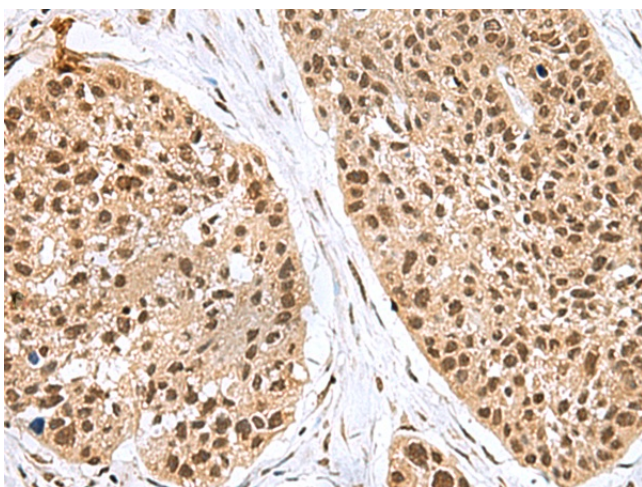
Exposure time: 10 seconds



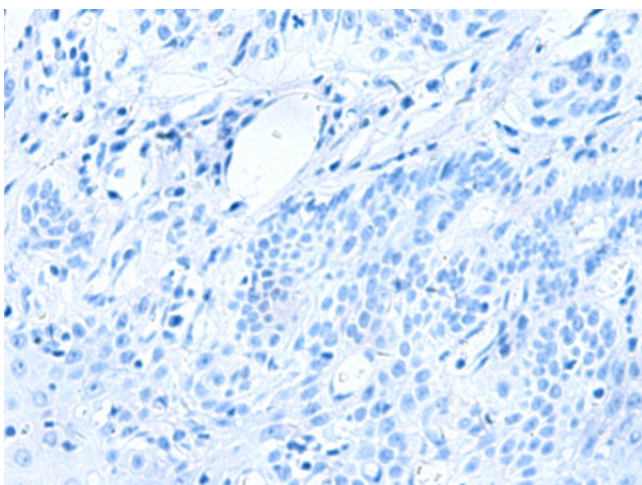
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA324175] (FBXO32 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA324175] (FBXO32 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA324175] (FBXO32 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA324175] (FBXO32 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)