

# IHC*easy* FBX032 Ready-To-Use IHC Kit

Catalog Number: **KHC0329**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Mouse Monoclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Mouse

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

## Background

FBX032 (F box only protein 32), also known as Atrogin 1 or MAFbx, is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif F-box. This protein is an E3 ubiquitin ligase that is markedly up-regulated in muscle atrophy. FBX032 is thus a potential drug target for the treatment of muscle atrophy. Some data support that FBX032 may play an important role in tumorigenesis. Recent study reveal that FBX032 targets the oncogenic protein c-Myc for ubiquitination and degradation through the proteasome pathway.

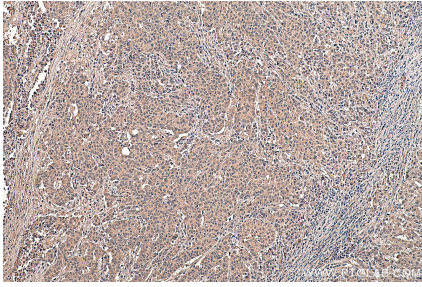
## Synonyms

Atrogin 1, F box only protein 32, F box protein 32, Fbx32, FBX032, FLJ32424, MAFbx, Muscle atrophy F box protein

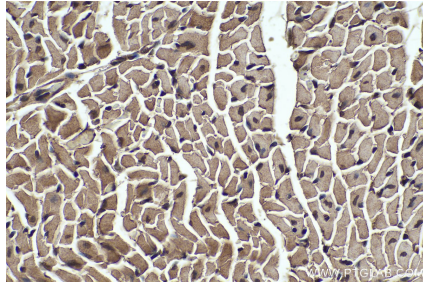
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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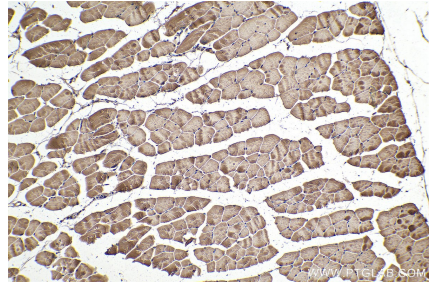
## Selected Validation Data



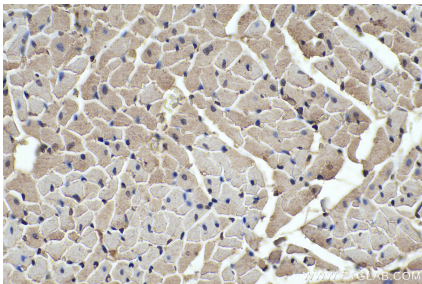
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0329 (FBXO32 IHC Kit).



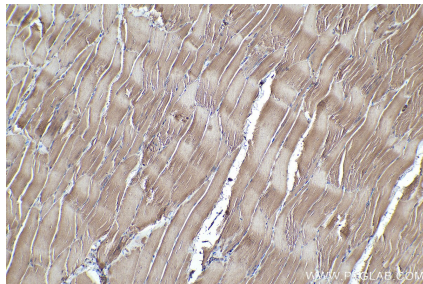
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0329 (FBXO32 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0329 (FBXO32 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0329 (FBXO32 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0329 (FBXO32 IHC Kit).