

IHC*easy* FBXO32 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.

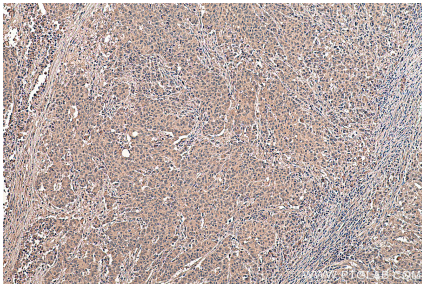
Background

FBXO32 (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. FBXO32 is thus a potential drug target for the treatment of muscle atrophy. Some data support that FBXO32 may play an important role in tumorigenesis. Recent study reveal that FBXO32 targets the oncogenic protein c-Myc for ubiquitination and degradation through the proteasome pathway.

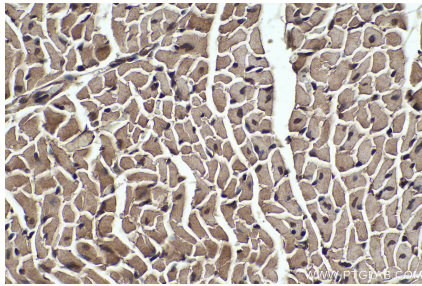
Synonyms

Atrogin 1, F box only protein 32, F box protein 32, Fbx32, FBXO32, FLJ32424, MAFbx, Muscle atrophy F box protein

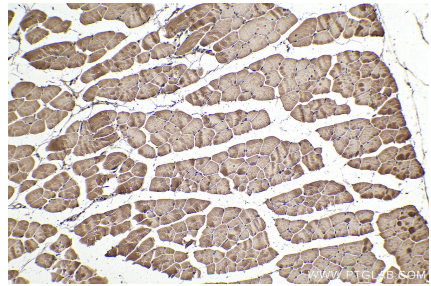
Selected Validation Data



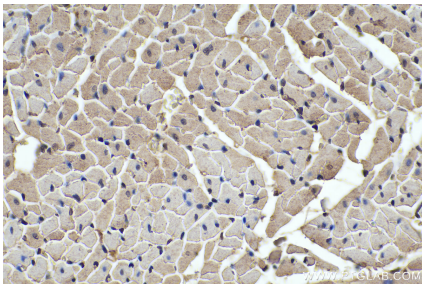
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0329 (FBXO32 IHC Kit).



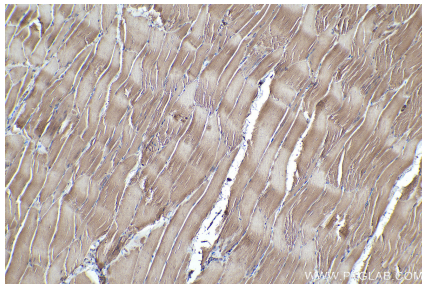
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0329 (FBXO32 IHC Kit).



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).