## **Elabscience**®

## FBXO32 Polyclonal Antibody

## catalog number: E-AB-19785

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description		
Reactivity	Human;Mouse;Rat	
Immunogen	Synthetic peptide of human FBXO32	
Host	Rabbit	
Isotype	IgG	
Purification	Antigen affinity purification	
Conjugation	Unconjugated	
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.	
Applications	<b>Recommended Dilution</b>	
IHC	1:30-1:150	
Data		
cancer tissue using FBX		Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using FBXO32 Polyclonal Antibody
of 1:35(×200)		
		at dilution of 1:35(×200)
Preparation & Storage		at dilution of 1:35(×200)
		at dilution of 1:35(×200) 2 months. Avoid freeze / thaw cycles.

## 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.

temperature recommended.