Anti-FBXO32 antibody

Cat. No.	ml263697
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-FBXO32 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human FBXO32
Reactivity	Human, Mouse, Rat
Content	1.44 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FBXO32
Full name	F-box protein 32
Synonyms	Fbx32; MAFbx
Swissprot	Q969P5

Target 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.
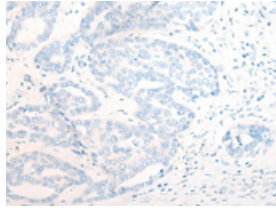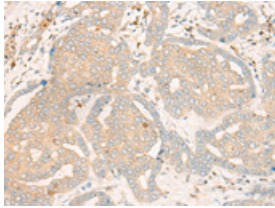
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

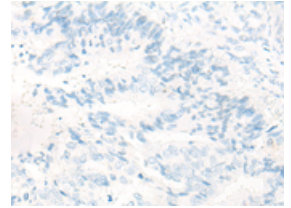Positive control: Human liver cancer
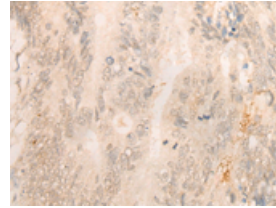
Recommended dilution: 30-150

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml263697(FBXO32 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 30-150

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml263697(FBXO32 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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