

FBXO22 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18732b**Specification**

FBXO22 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q8NEZ5](#)

FBXO22 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 26263

Other Names

F-box only protein 22, F-box protein FBX22p44, FBXO22, FBX22

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FBXO22 Antibody (C-term) Blocking Peptide - Protein Information

Name FBXO22

Synonyms FBX22

Function

Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Promotes the proteasome- dependent degradation of key sarcomeric proteins, such as alpha-actinin (ACTN2) and filamin-C (FLNC), essential for maintenance of normal contractile function.

Cellular Location

Cytoplasm, myofibril, sarcomere, Z line

Tissue Location

Predominantly expressed in liver, also enriched in cardiac muscle.

FBXO22 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

FBXO22 Antibody (C-term) Blocking Peptide - Images

FBXO22 Antibody (C-term) Blocking Peptide - 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. Two transcript variants encoding different isoforms exist for this gene.

FBXO22 Antibody (C-term) Blocking Peptide - References

Borziak, K., et al. Bioinformatics 23(19):2518-2521(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Winston, J.T., et al. Curr. Biol. 9(20):1180-1182(1999) Cenciarelli, C., et al. Curr. Biol. 9(20):1177-1179(1999)