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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 familywhich is characterized by an approximately 40 amino acid motif, theF-box. The F-box proteins constitute one of the four subunits ofthe ubiquitin protein ligase complex called SCFs(SKP1-cullin-F-box), which function in phosphorylation-dependentubiquitination. The F-box proteins are divided into 3 classes: Fbwscontaining WD-40 domains, Fbls containing leucine-rich repeats, andFbxs containing either different protein-protein interactionmodules or no recognizable motifs. The protein encoded by this genebelongs to the Fbxs class. Two transcript variants encodingdifferent 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)