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FBXO44 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18411a

Specification

FBXO44 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9H4M3

FBXO44 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 93611

Other Names
F-box only protein 44, F-box protein FBX30, F-box/G-domain protein 3, FBXO44, FBG3, FBX30, FBX44, FBX6A, FBXO6A

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.

FBXO44 Antibody (N-term) Blocking Peptide - Protein Information

Name FBXO44

Synonyms FBG3, FBX30, FBX44, FBX6A, FBXO6A

Function
Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.

Tissue Location
Abundantly expressed in brain and kidney.

FBXO44 Antibody (N-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. It is also a member of the NFB42 (neuralF Box 42 kDa) family, similar to F-box only protein 2 and F-boxonly protein 6. Four alternatively spliced transcript variantsencoding two distinct isoforms have been found for this gene.

FBXO44 Antibody (N-term) Blocking Peptide - References

Kumanomidou, T., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 66 (PT 1), 95-98 (2010) :Glenn, K.A., et al. J. Biol. Chem. 283(19):12717-12729(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)Ilyin, G.P., et al. Gene 296 (1-2), 11-20 (2002) :

Expressed at lower levels in heart, spleen and liver

FBXO44 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides