



## FBXO44 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP18411a

## **Specification**

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

Primary Accession <u>Q9H4M3</u>

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, FBX06A

#### **Function**

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

## **Tissue Location**

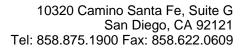
Abundantly expressed in brain and kidney.

## 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 of the 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 interaction modules 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