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FBXO31 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17068c

Specification

FBXO31 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q5XUX0

FBXO31 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 79791

Other Names
F-box only protein 31, FBXO31, FBX14, FBX31

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.

FBXO31 Antibody (Center) Blocking Peptide - Protein Information

Name FBXO31

Synonyms FBX14, FBX31

Function
Component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in G1 arrest following DNA damage. Specifically recognizes phosphorylated cyclin-D1 (CCND1), promoting its ubiquitination and degradation by the proteasome, resulting in G1 arrest. May act as a tumor suppressor.

Tissue Location
Highly expressed in brain. Expressed at moderate levels in most tissues, except bone marrow

FBXO31 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FBXO31 Antibody (Center) Blocking Peptide - Images

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FBXO31 Antibody (Center) Blocking Peptide - Background

Members of the F-box protein family, such as FBXO31, arecharacterized by an approximately 40-amino acid F-box motif. SCFcomplexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM603134), and F-box proteins, act as protein-ubiquitin ligases.F-box proteins interact with SKP1 through the F box, and theyinteract with ubiquitination targets through other proteininteraction domains (Jin et al., 2004 [PubMed 15520277]).[suppliedby OMIM].

FBXO31 Antibody (Center) Blocking Peptide - References

Rivadeneira, F., et al. Nat. Genet. 41(11):1199-1206(2009)Santra, M.K., et al. Nature 459(7247):722-725(2009)Kumar, R., et al. Cancer Res. 65(24):11304-11313(2005)Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)Powell, J.A., et al. Genomics 80(3):303-310(2002)