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FBXW2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9781c

Specification

FBXW2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9UKT8

FBXW2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 26190

Other Names
F-box/WD repeat-containing protein 2, F-box and WD-40 domain-containing protein 2, Protein MD6, FBXW2, FBW2, FWD2

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.

FBXW2 Antibody (Center) Blocking Peptide - Protein Information

Name FBXW2

Synonyms FBW2, FWD2

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

FBXW2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FBXW2 Antibody (Center) Blocking Peptide - Images

FBXW2 Antibody (Center) Blocking Peptide - Background

F-box proteins are an expanding family of eukaryotic proteins characterized by an approximately

40 amino acid motif, the F box. Some F-box proteins have been shown to be critical for the ubiquitin-mediated degradation of cellular regulatory proteins. In fact, F-box proteins are one of the four subunits of ubiquitin protein ligases, called SCFs. SCF ligases bring ubiquitin conjugating enzymes to substrates that are specifically recruited by the different F-box proteins. Mammalian F-box proteins are classified into three groups based on the presence of either WD-40 repeats, leucine-rich repeats, or the presence or absence of other protein-protein interacting domains. This gene encodes the second identified member of the F-box gene family and contains multiple WD-40 repeats.

FBXW2 Antibody (Center) Blocking Peptide - References

Chiang, M.H., et al. Biol. Reprod. 79(5):914-920(2008)Yang, C.S., et al. J. Biol. Chem. 280(11):10083-10090(2005)Watanabe, N., et al. Proc. Natl. Acad. Sci. U.S.A. 101(13):4419-4424(2004)Busino, L., et al. Nature 426(6962):87-91(2003)Chiaur, D.S., et al. Cytogenet. Cell Genet. 88 (3-4), 255-258 (2000)