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FBXW12 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10268b

Specification

FBXW12 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q6X9E4
Other Accession	NP_001153399.1, NP_001153401.1, NP_996985.2

FBXW12 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 285231

Other Names
F-box/WD repeat-containing protein 12, F-box and WD-40 domain-containing protein 12, F-box only protein 35, FBXW12, FBW12, FBXO12, FBXO35

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.

FBXW12 Antibody (C-term) Blocking peptide - Protein Information

Name FBXW12

Synonyms FBW12, FBXO12, FBXO35

Function
Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex (PubMed:26171402). Promotes degradation of interleukin-22 receptor subunit IL22RA1 in resting and IL22-stimulated conditions by facilitating its ubiquitination (PubMed:26171402). Functions as a cell growth suppressor (PubMed:26171402).

Tissue Location
Ubiquitously expressed.

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FBXW12 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

FBXW12 Antibody (C-term) Blocking peptide - Images

FBXW12 Antibody (C-term) Blocking peptide - Background

Members of the F-box protein family, such as FBXW12, arecharacterized by an approximately 40-amino acid F-box motif. SCFcomplexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM603034), 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].

FBXW12 Antibody (C-term) Blocking peptide - References

Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)Zeng, L., et al. Mol. Biol. Rep. 31(1):51-57(2004)