

FBXL14 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5220b

Product Information

Application	WB, FC, E
Primary Accession	Q8N1E6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26593
Calculated MW	45886
Antigen Region	379-407

Additional Information

Gene ID	144699
Other Names	F-box/LRR-repeat protein 14, F-box and leucine-rich repeat protein 14, FBXL14, FBL14
Target/Specificity	This FBXL14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 379-407 amino acids from the C-terminal region of human FBXL14.
Dilution	WB~~1:2000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FBXL14 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FBXL14
Synonyms	FBL14
Function	Substrate-recognition component of some SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin-protein ligase complexes. The SCF(FBXL14) complex

acts by mediating ubiquitination and subsequent degradation of SNAI1.

Cellular Location

Cytoplasm.

Background

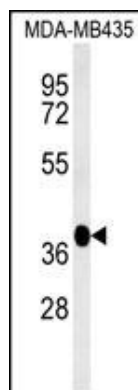
FBXL14 is members of the F-box protein family, such as FBXL14, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains.

References

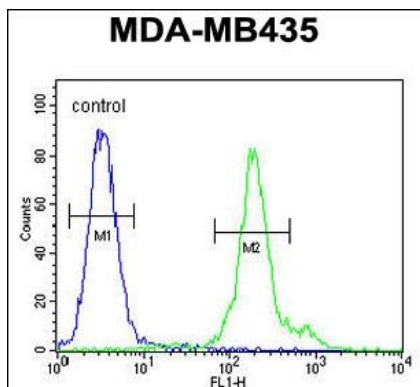
Vinas-Castells, R., et al. J. Biol. Chem. 285(6):3794-3805(2010)

Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)

Images



FBXL14 Antibody (C-term) (Cat. #AP5220b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the FBXL14 antibody detected the FBXL14 protein (arrow).



FBXL14 Antibody (C-term) (Cat. #AP5220b) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.