

FBXO34 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5692b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9NWN3
Other Accession	Q80XI1 , NP_060413.2
Reactivity	Human, Hamster
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23410
Calculated MW	78711
Antigen Region	600-629

Additional Information

Gene ID	55030
Other Names	F-box only protein 34, FBXO34, FBX34
Target/Specificity	This FBXO34 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 600-629 amino acids from the C-terminal region of human FBXO34.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	FBXO34 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FBXO34
Synonyms	FBX34

Function

Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex promoting ubiquitination and proteasomal degradation of specific target proteins including HNRNPU (PubMed:[36285453](#)). Regulates both the G2/M transition and anaphase entry in meiotic oocytes (By similarity).

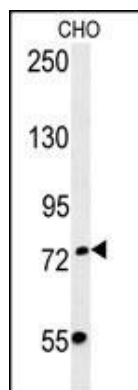
Background

Members of the F-box protein family, such as FBXO34, 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 (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM].

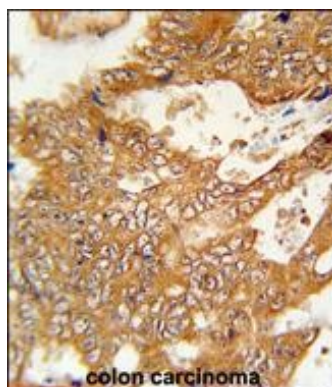
References

Barrios-Rodiles, M., et al. Science 307(5715):1621-1625(2005)
Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)

Images

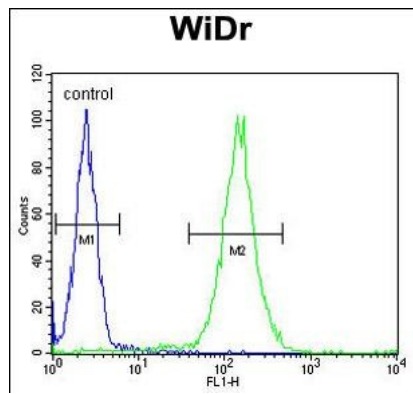


FBXO34 Antibody (C-term) (Cat. #AP5692b) western blot analysis in CHO cell line lysates (35ug/lane). This demonstrates the FBXO34 antibody detected the FBXO34 protein (arrow).



FBXO34 Antibody (C-term) (Cat. #AP5692b) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FBXO34 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

FBXO34 Antibody (C-term) (Cat. #AP5692b) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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