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Datasheet for ABIN1537454

anti-FBXL19 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	FBXL19
Binding Specificity:	AA 543-570, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXL19 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FBXL19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 543-570 amino acids from the C-terminal region of human FBXL19.
Clone:	RB38770
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FBXL19
Alternative Name:	FBXL19 (FBXL19 Products)
Background:	Members of the F-box protein family, such as FBXL19, are characterized by an approximately

Target Details

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].

Molecular Weight: 75707

Gene ID: 54620

NCBI Accession: [NP_001093254](#), [NP_001269280](#)

UniProt: [Q6PCT2](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: FBXL19 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months

Publications

Product cited in: Dong, Zhao, Wei, Bowser, Khoo, Liu, Luketich, Pennathur, Ma, Zhao: "F-box protein complex FBXL19 regulates TGFβ1-induced E-cadherin down-regulation by mediating Rac3 ubiquitination and degradation." in: **Molecular cancer**, Vol. 13, pp. 76, (2014) ([PubMed](#)).

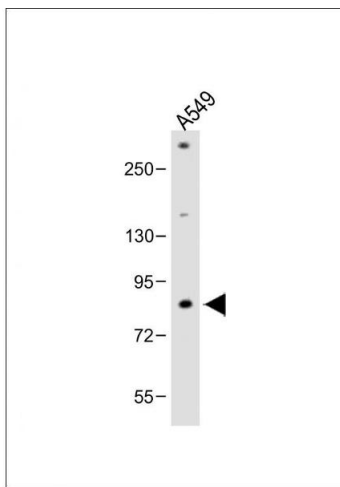
Wei, Mialki, Dong, Khoo, Mallampalli, Zhao, Zhao: "A new mechanism of RhoA ubiquitination and degradation: Roles of SCF(FBXL19) E3 ligase and Erk2." in: **Biochimica et biophysica acta**, (

2013) ([PubMed](#)).

Zhao, Mialki, Wei, Coon, Zou, Chen, Mallampalli, Zhao: "SCF E3 ligase F-box protein complex SCF(FBXL19) regulates cell migration by mediating Rac1 ubiquitination and degradation." in:

FASEB journal : official publication of the Federation of American Societies for Experimental Biology, Vol. 27, Issue 7, pp. 2611-9, (2013) ([PubMed](#)).

Images



Western Blotting

Image 1. Anti-FBXL19 Antibody (C-term) at 1:2000 dilution + A549 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa
Blocking/Dilution buffer: 5 % NFD/MTBST.