

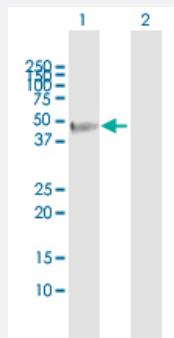
MaxPab®

FBXO31 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00079791-B01P

Size 50 ug

Applications

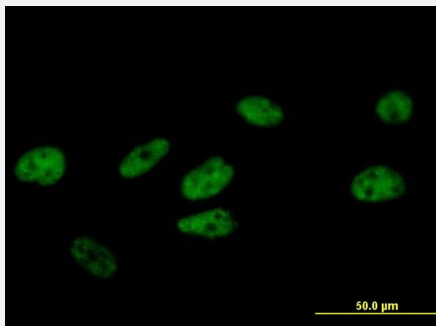


Western Blot (Transfected lysate)

Western Blot analysis of FBXO31 expression in transfected 293T cell line ([H00079791-T01](#)) by FBXO31 MaxPab polyclonal antibody.

Lane 1: FBXO31 transfected lysate (40.37 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FBXO31 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FBXO31 protein.

Immunogen

FBXO31 (AAH12748.1, 1 a.a. ~ 367 a.a) full-length human protein.

Sequence

MYLPPHDPHVDDPMRFKPLFRIHLMERKAATVECMYGHKGPHHGHQVKKDEFSTKCNQTDHHR
MSGGRQEEFRTWLREEWGRTLEDIFHEHMQELILMKFYTSQYDNCLTYRRYLPPSRPDDLKPG
FKGTYGSHGLEVMMLSFHGRRRARGTKITGDPNIPAGQQTVEIDL RHRIQLPDLENQRNFNELSRVLE
VRERVRQEQEGGHEAGEGRGRQGPRESQPSAPRAEAPSKGPDGTPGEDGGEPGDAAVAA
AEQPAQCGQGQPFVLPVGVSSRNEDYPRTCRMCFYGTGLIAGHGFTSPERTPGVFILFDEDRFG
FVWLELKSFSLYSRVQATFRNADAPSPQAFDEMLKNIQSLTS

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to FBXO31 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — FBXO31

Entrez GeneID	79791
GeneBank Accession#	BC012748.1
Protein Accession#	AAH12748.1
Gene Name	FBXO31
Gene Alias	DKFZp434B027, DKFZp434J1815, FBX14, FBXO14, FLJ22477, Fbx31, MGC15419, MGC9527, pp2386
Gene Description	F-box protein 31
Omim ID	609102
Gene Ontology	Hyperlink

Gene Summary

Members of the F-box protein family, such as FBXO31, 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]

Other Designations

F-box only protein 31|SCF ubiquitin ligase specificity factor|putative breast cancer tumor-suppressor

Publication Reference

- [FBXO31 suppresses lipogenesis and tumor progression in glioma by promoting ubiquitination and degradation of CD147.](#)

Yan Feng, Mingli Liu, Peng Xie, Ruifeng Dong, Zhongfei Hao.

Prostaglandins & other Lipid Mediators 2022 Aug; 163:106667.

Application: WB-Ce, WB-Tr, Human, A172, BT-325, Human glioma tumor tissue, HEB, LN-229, T98G, U251MG.

- [Concomitant beige adipocyte differentiation upon induction of mesenchymal stem cells into brown adipocytes.](#)

Wang YL, Lin SP, Hsieh PC, Hung SC.

Biochemical and Biophysical Research Communications 2016 Sep; 478(2):689.

Application: WB-Ce, Human, Mesenchymal stem cells