

For Research Use Only

FBXO43 Polyclonal antibody

Catalog Number: 55176-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

55176-1-AP

Size:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001029860

GeneID (NCBI):

286151

UNIPROT ID:

Q4G163

Full Name:

F-box protein 43

Calculated MW:

78 kDa

Observed MW:

~70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells,

IF/ICC : HEK-293 cells,

Background Information

FBXO43, also named as EMI2 and FBP5B, is required to establish and maintain the arrest of oocytes at the second meiotic metaphase until fertilization. It acts by inhibiting the anaphase-promoting complex/cyclosome (APC/C) ubiquitin ligase. FBXO43 recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation. We got ~70 kDa band in our detection.

Notable Publications

Author	Pubmed ID	Journal	Application
Yongjuan Guan	32232159	Sci Adv	WB
Liyun Zheng	38604312	Cancer Lett	WB, IHC, IF, IP
Chun-Ming Li	36937431	Front Oncol	WB, IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

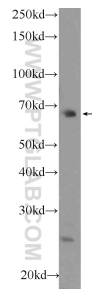
T: 4006900926

E: Proteintech-CN@ptglab.com

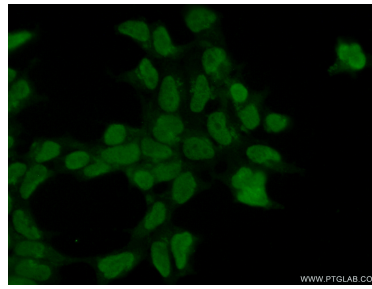
W: ptgcn.com

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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 55176-1-AP (FBXO43 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 55176-1-AP (FBXO43 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).