

For Research Use Only

# FBXO43 Polyclonal antibody

Catalog Number: 55176-1-AP

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## Basic Information

### Catalog Number:

55176-1-AP

### Size:

150ul, Concentration: 650 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;

### 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

\*\*\* 20ul sizes contain 0.1% BSA

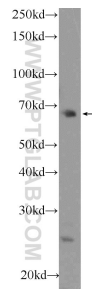
For technical support and original validation data for this product please contact:

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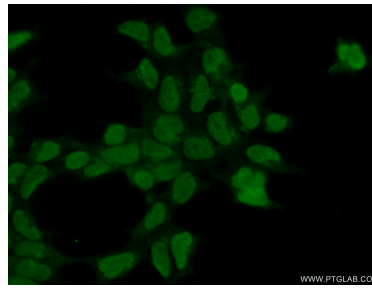
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## Selected Validation Data



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).