

For Research Use Only

FBXO43 Polyclonal antibody

Catalog Number: 55176-1-AP **3 Publications**



Basic Information

Catalog Number: 55176-1-AP	GenBank Accession Number: NM_001029860	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 286151	Recommended Dilutions: WB 1:200-1:1000 IF 1:20-1:200
Source: Rabbit	Full Name: F-box protein 43	
Isotype: IgG	Calculated MW: 78 kDa	
	Observed MW: ~70 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HEK-293 cells, IF : HEK-293 cells,
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human, mouse	

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
Chun-Ming Li	36937431	Front Oncol	WB, IHC
Huijun Zhou	36765911	Cancers (Basel)	WB, IHC

Storage

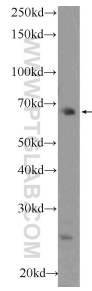
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

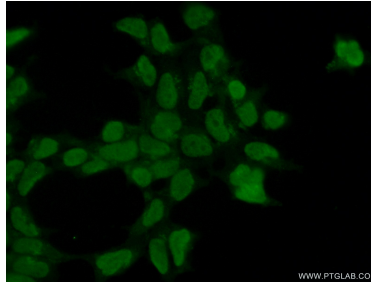
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).