

For Research Use Only

FBXO22 Monoclonal antibody, PBS Only

Catalog Number: 68650-1-PBS

Featured Product



Basic Information

Catalog Number:

68650-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5294

GenBank Accession Number:

BC039024

GeneID (NCBI):

26263

UNIPROT ID:

Q8NEZ5

Full Name:

F-box protein 22

Calculated MW:

403 aa, 45 kDa

Observed MW:

45 kDa

Purification Method:

Protein G purification

CloneNo.:

4B8A12

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

FBXO22, also named as FBX22, is a substrate-recognition of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. FBXO22 is a key regulator of senescence induction through ubiquitylation of p53 for degradation. FBXO22 also acts as a molecular switch for the antagonistic and agonistic actions of selective estrogen receptor modulators (SERM) and determines the sensitivity of breast cancer to SERM by ubiquitylating KDM4B complexed with unliganded or SERMs - bound estrogen receptor (ER). (PMID: 32536008, PMID: 32249768)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

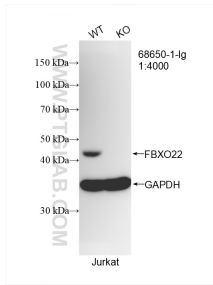
T: 4006900926

E: Proteintech-CN@ptglab.com

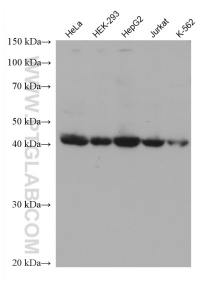
W: ptgcn.com

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Selected Validation Data



WB result of FBXO22 antibody (68650-1-Ig; 1:4000; room temperature for 1.5 hours) with wild-type and FBXO22 knockout Jurkat cells. This data was developed using the same antibody clone with 68650-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68650-1-Ig (FBXO22 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68650-1-PBS in a different storage buffer formulation.