

For Research Use Only

FBXO22 Monoclonal antibody

Catalog Number: 68650-1-Ig

Featured Product



Basic Information

Catalog Number:

68650-1-Ig

Concentration:

1000 ug/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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cells, HEK-293 cells, HepG2 cells, K-562 cells

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 -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:

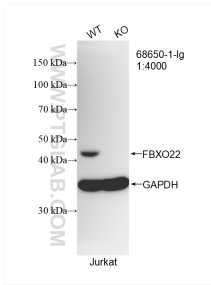
T: 4006900926

E: Proteintech-CN@ptglab.com

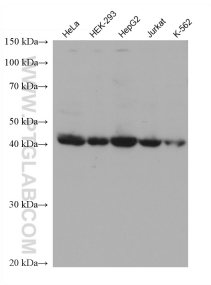
W: ptgcn.com

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Selected Validation Data



WB result of FBXO22 antibody (68650-1-Ig; 1:4000; room temperature for 1.5 hours) with wild-type and FBXO22 knockout Jurkat cells.



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.