FBXO44 polyclonal antibody

Catalog: BS35119 Host: Rabbit Reactivity: Human, Mouse

BackGround:

F-box only protein 44: Substrate-recognition component of two distinct E3 ligase complexes, the SKP1-CUL1-FBXO44 complex and the CUL4B-DDB1-FBXO44 complex . The complex SCF(FBXO44) complex ubiquitinates and mediates BRCA1 degradation . In association with cullin 4B/CUL4B and DDB1, mediates the ubiquitination of RGS2 leading to its degradation . Additionally, regulates the pregnane X receptor/NR1I2 protein level by ubiquitination and degradation

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~29.7 kDa

Swiss-Prot:

Q9H4M3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

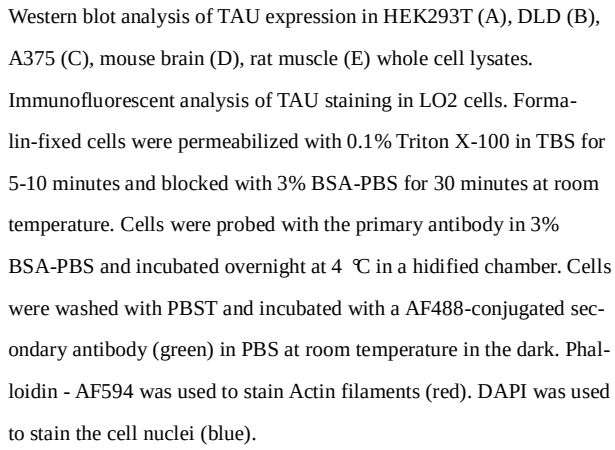
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of FBXO44 protein

DATA:



Western blot analysis of TAU expression in HEK293T (A), DLD (B), A375 (C), mouse brain (D), rat muscle (E) whole cell lysates. Immunofluorescent analysis of TAU staining in LO2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ℃ in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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