RNF167 polyclonal antibody

Catalog: BS32966 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

E3 ubiquitin-protein ligase that acts as a regulator of the TORC1 signaling pathway . Positively regulates the TORC1 signaling pathway independently of arginine levels: acts by catalyzing 'Lys-29'-polyubiquitination and degradation of CASTOR1, releasing the GATOR2 complex from CASTOR1 . Also negatively regulates the TORC1 signaling pathway in response to leucine deprivation: acts by mediating 'Lys-63'-linked polyubiquitination of SESN2, promoting SESN2-interaction with the GATOR2 complex . Also involved in protein trafficking and localization . Acts as a regulator of synaptic transmission by mediating ubiquitination and degradation of AMPAR receptor GluA2/GRIA2 . Does not catalyze ubiquitination of GluA1/GRIA1 . Also acts as a regulator of the recycling endosome pathway by mediating ubiquitination of VAMP3 . Regulates lysosome positioning by catalyzing ubiquitination and degradation o...

Product:

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

Molecular Weight:

~38.3 kDa

Swiss-Prot:

Q9H6Y7

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 RNF167 protein

DATA:

Western blot analysis of RAR beta expression in MCF7 (A) whole cell lysates.

Immunofluorescent analysis of RAR beta staining in MCF7 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 an 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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