

TTI1 polyclonal antibody

Catalog: BS32741

Host: Rabbit

Reactivity: Human

BackGround:

TELO2-interacting protein 1 homolog; Regulator of the DNA damage response (DDR). Part of the TTT complex that is required to stabilize protein levels of the phosphatidylinositol 3-kinase-related protein kinase (PIKK) family proteins. The TTT complex is involved in the cellular resistance to DNA damage stresses, like ionizing radiation (IR), ultraviolet (UV) and mitomycin C (MMC). Together with the TTT complex and HSP90 may participate in the proper folding of newly synthesized PIKKs. Promotes assembly, stabilizes and maintains the activity of mTORC1 and mTORC2 complexes, which regulate cell growth and survival in response to nutrient and hormonal signals

Product:

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

Molecular Weight:

~122 kDa

Swiss-Prot:

O43156

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

matography.

Applications:

WB (1/500 - 1/1000)

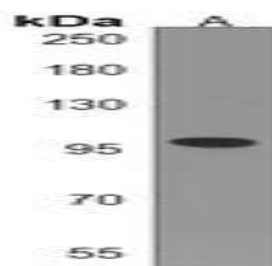
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of TTI1 protein.

DATA:



Western blot analysis of HIP1 expression in A549 (A), SW480 (B), mouse brain (C) whole cell lysates.

Note:

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

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