

**TATDN3 polyclonal antibody**

Catalog: BS33584

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Deoxyribonuclease TATDN3: Exhibits 3'-exonuclease and apurinic/apyrimidinic (AP) endonuclease activities (in vitro). Show preferential AP endonuclease activity on double-stranded DNA substrates and 3'- exonuclease activity on single-stranded DNA

Product:

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

Molecular Weight:

~30.3 kDa

Swiss-Prot:

Q17R31

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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 TATDN3 protein

DATA:

Western blot analysis of Nibrin expression in HEK293T (A), A549 (B), Jurkat (C) whole cell lysates.

Immunohistochemical analysis of Nibrin staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of Nibrin staining in Hela 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 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

Note:

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

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