MSP58 polyclonal antibody

Catalog: BS31256 Host: Rabbit Reactivity: Human, Mouse

BackGround:

Microspherule protein 1: Modulates the transcription repressor activity of DAXX by recruiting it to the nucleolus . As part of the NSL complex, may be involved in acetylation of nucleosomal histone H4 on several lysine residues . Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. May also be an inhibitor of TERT telomerase activity . Binds to G-quadruplex structures in mRNA . Binds to RNA homomer poly(G) and poly(U) . Maintains RHEB at the lysosome in its active GTP-bound form and prevents its interaction with the mTORC1 complex inhibitor TSC2, ensuring activation of the mTORC1 complex by RHEB . Stabilizes the minus ends of kinetochore fibers by protecting them from depolymerization, ensuring functional spindle assembly during mitosis . Following phosphorylation by TTK/MPS1, enhances recruitment of K...

Product:

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

Molecular Weight:

~51.8 kDa

Swiss-Prot:

Q96EZ8

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

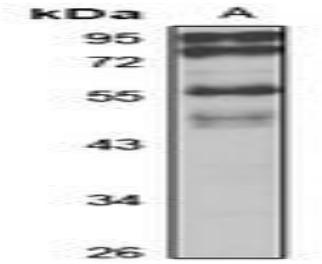
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MSP58 protein

DATA:



Western blot analysis of CD3e expression in Jurkat (A), mouse thymus (B) whole cell lysates.

Immunohistochemical analysis of CD3e staining in human tonsil 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 CD3e staining in Jurkat 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 humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

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

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