POTEB polyclonal antibody

Catalog: BS31075 Host: Rabbit Reactivity: Human, Mouse

BackGround:

POTEB belongs to the POTE (prostate, ovary, testis, and placenta) ankyrin domain protein family, which is preferentially expressed in prostate, ovary, testis and placenta. POTE proteins contain ankyrin repeat domains and are thought to play roles in cell proliferation and tumor biology, with aberrant expression observed in several cancers.

Product:

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

Molecular Weight:

~61.7 kDa

Swiss-Prot:

Q6S5H4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/100 - 1/200)

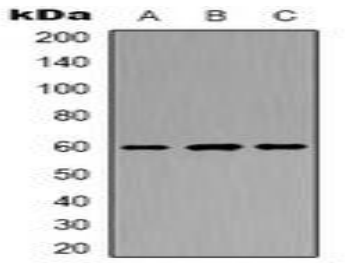
Storage&Stability:

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

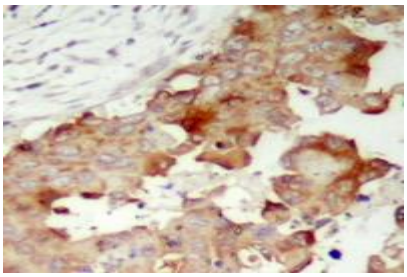
Specificity:

Recognizes endogenous levels of POTEB protein.

DATA:



Western blot analysis of STAU1 expression in A549 (A), MCF7 (B), K562 (C), mouse liver (D), mouse kidney (E), rat liver (F) whole cell lysates.



Immunohistochemical analysis of STAU1 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. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

Immunofluorescent analysis of STAU1 staining in A375 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 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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