

CTDSPL2 polyclonal antibody

Catalog: BS31483

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

CTD small phosphatase-like protein 2: Serine/threonine phosphatase that promotes gluconeogenesis by dephosphorylating FOXO1 and FOXO3A, promoting their nuclear retention and enhancing their transcriptional activity on PCK1 and G6PC1, key enzymes in hepatic gluconeogenesis. Essential for proper embryonic skeletal development by regulating chondrocyte survival through dephosphorylation of FOXO3 (By similarity). By maintaining FOXO3 in its active, dephosphorylated form, inhibits excessive apoptosis of chondrocytes, which is essential for normal endochondral ossification and cartilage formation (By similarity)

Product:

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

Molecular Weight:

~53.0 kDa

Swiss-Prot:

Q05D32

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), FC (1/10 - 1/50)

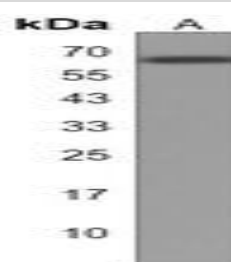
Storage&Stability:

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

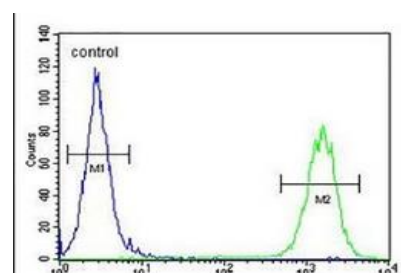
Specificity:

Recognizes endogenous levels of CTDSPL2 protein.

DATA:



Western blot analysis of SSX4 expression in CEM (A), K562 (B), NCIH292 (C), MDAMB453 (D), A549 (E) whole cell lysates.



Note:

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

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