

FBP3 (R241) polyclonal antibody

Catalog: BS3297

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Activation of FUSE, the far-upstream element, is required for the proper expression of the mammalian gene c-Myc in undifferentiated cells. The binding of FBP (FUSE-binding protein) to FUSE is necessary for c-Myc expression, indicating that FBP functions as a growth-dependent regulator of c-Myc expression. Isolated from proliferating HL60 cells, FBP, FBP2, and FBP3 comprise a family of single-stranded DNA-binding proteins that specifically bind to FUSE elements. The FBP transcription factors share a conserved central DNA-binding domain and show significant homology in their carboxylterminal activation domains. Expression of FBP is detected in undifferentiated cells and is substantially decreased following cellular differentiation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q96I24

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

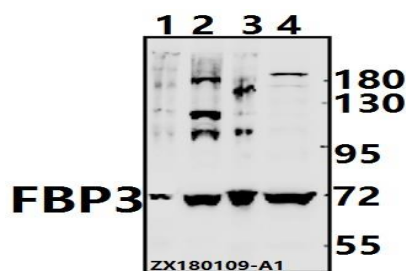
Storage&Stability:

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

Specificity:

FBP3 (R241) polyclonal antibody detects endogenous levels of FBP3 protein.

DATA:



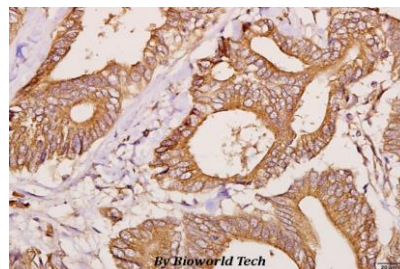
Western blot (WB) analysis of FBP3 (R241) pAb at 1:500 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:SGC7901 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of FBP3 (R241) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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

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