

FUBP1 polyclonal antibody

Catalog: BS90540

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Activation of FUSE, the far upstream element, is required for the proper ex-pression of the mammalian gene c-Myc in undifferentiated cells. The binding of FBP1 (FUSE-binding protein or far upstream element-binding protein) to FUSE is necessary for c-Myc expression, indicating that FBP1 functions as a growth-dependent regulator of c-Myc expression. Isolated from proliferating HL-60 cells, FBP1 (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 carboxyl-terminal activation domains. Expression of FBP1 is detected in undifferentiated cells and is substantially decreased following cellular differentiation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

74 kDa

Swiss-Prot:

Q96AE4(Human) Q91WJ8(Mouse) Q32PX7(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

ICC:1:100-1:500

IHC:1:50-1:200

FC:1:50-1:100

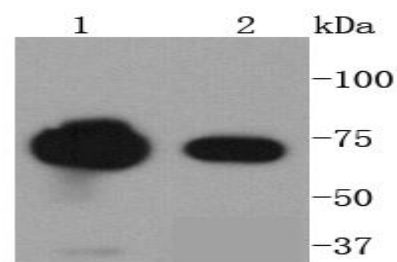
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

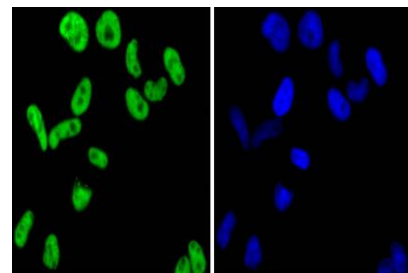
Specificity:

FUBP1 polyclonal antibody detects endogenous levels of FUBP1 protein.

DATA:



Western blot analysis of FUBP1 on different lysates using anti-FUBP1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: Raji



ICC staining FUBP1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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