

## Fos B (S23) polyclonal antibody

Catalog: BS1645

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Fos and Jun dimerize to form Activator Protein-1 (AP-1), a transcriptional factor that binds to the 12-O-tetradecanoylphorbol 13-acetate (TPA) response element (TRE) of several cellular and viral genes including human collagenase, metallothionein IIa, stromelysin, interleukin 2, SV40 and polyoma. Fos and Jun contain the 'leucine-zipper' motif that allows for dimerization and an adjacent basic domain required for biological activity. The functionally active form of Fos is in a heterodimer with a member of the Jun family. While Jun family members can form functional homodimers, studies indicate that Fos family members do not self-associate and therefore do not bind DNA on their own. The various dimers differ in their ability to transactivate AP-1 dependent genes.

### Product:

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

### Molecular Weight:

~ 35 kDa

### Swiss-Prot:

P53539

### 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

IF: 1:50~1:200

### Storage&Stability:

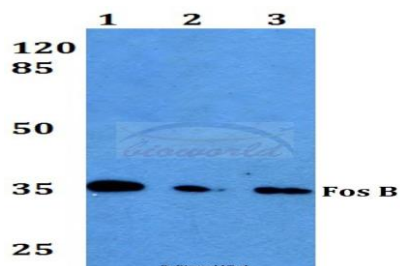
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

FosB (S23) polyclonal antibody detects endogenous levels of FosB protein.

### DATA:

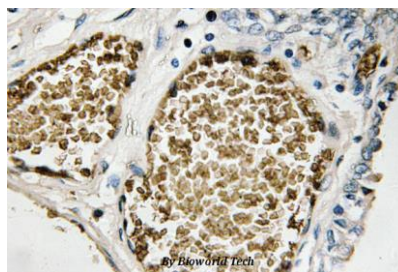


Western blot (WB) analysis of Fos B (S23) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:PC12 whole cell lysate



Immunohistochemistry (IHC) analyzes of FosB (S23) pAb in paraffin-embedded human prostate carcinoma tissue.

### Note:

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

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