FOSL2 (S301) polyclonal antibody

Catalog: BCP00781 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The v-Fos oncogene was initially identified as the transforming gene of two independent murine osteosarcoma virus isolates and an avian nephroblastoma virus. The cellular homolog, c-Fos, encodes a nuclear phosphoprotein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. In contrast to c-Jun proteins, which form homo- and heterodimers which bind to specific DNA TPA response elements (TREs), c-Fos proteins are only active as heterodimers with members of the Jun gene family. Murine Fos B encodes a nuclear protein of 338 amino acids which has 70% homology with c-Fos, exhibits similar kinetics of expression as c-Fos and forms heterodimers with both c-Jun and Jun B, which bind to TRE DNA response elements. Functional homologs of c-Fos and Fos B include Fra-1 and Fra-2 genes.

Product:

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

Molecular Weight:

~ 42 kDa

Swiss-Prot:

P15408

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

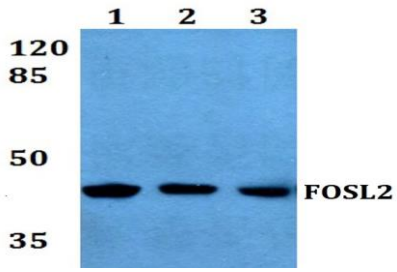
Storage&Stability:

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

Specificity:

FOSL2 (S301) polyclonal antibody detects endogenous levels of FOSL2 protein.

DATA:



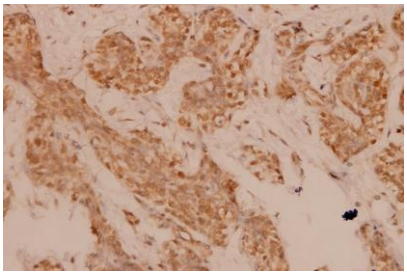
Western blot (WB) analysis of FOSL2 (S301) pAb at 1:500 dilution

Lane1:The Ovary tissue lysate of Rat(40ug)

Lane2:The Testis tissue lysate of Mouse(40ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:MCF-7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of FOSL2 (S301) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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