

JAB1 polyclonal antibody

Catalog: BS90746

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Genes belonging to the Jun and Fos oncogene families encode nuclear proteins that are found to be associated with a number of transcriptional complexes. The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, but the Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. The coactivator of Jun, designated JAB1 (for Jun-activation domain-binding protein), interacts with c-Jun and Jun D, but not with Jun B or v-Jun. This interaction enhances the transactivating ability of Jun proteins by stabilizing their binding to the TRE. The gene encoding JAB1 maps to human chromosome 8q12.3.

Product:

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

Molecular Weight:

37 kDa, additional band 100 kDa.

Swiss-Prot:

Q92905(Human) O35864(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500

ICC:1:100-1:500

IHC:1:50-1:200

Storage&Stability:

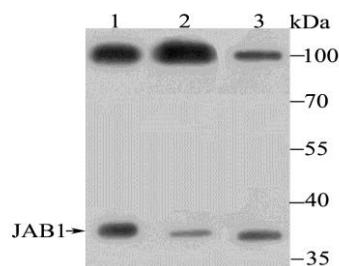
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

JAB1 polyclonal antibody detects endogenous levels of JAB1 protein.

DATA:



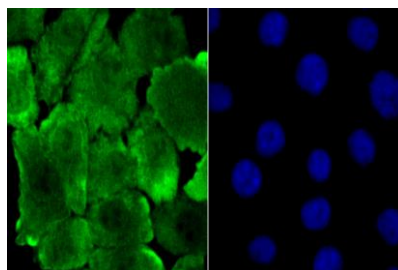
Western blot analysis of JAB1 on different lysate using anti-JAB1 antibody at 1/500 dilution.

Positive control:

Lane 1: Mouse testis tissue

Lane 2: PC-3M

Lane 3: A549



ICC staining JAB1 in A549 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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