

YY1 polyclonal antibody

Catalog: BS67357

Host: Rabbit

Reactivity: Human

BackGround:

YY1 (Yin Yang1) is a ubiquitously expressed transcription factor with fundamental roles in embryogenesis, differentiation, replication and proliferation. YY1 contains four zinc finger motifs of the Cys-Cys-His-His type and can activate different eukaryotic genes (such as CREB, c-myc, Histone H4, p53 and PARP-1) or repress different eukaryotic genes (such as α -actin, IFN- β and IFN- γ) as well as regulate some viral promoters. YY1 deficient embryos die approximately at the time of implantation, suggesting that YY1 has an essential role in embryonic development. YY1 is overexpressed in cancer cells such as prostate cancer and therefore may be considered a prognostic marker.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 68 kDa

Swiss-Prot:

P25490

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB (1/500 - 1/2000)

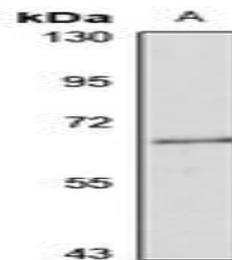
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of YY1 protein

DATA:



Western blot analysis of YY1 expression in Jurkat (A) whole cell lysates.

Note:

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

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