

YY1 Rabbit pAb

Catalog No.: A12928 **2 Publications**

Basic Information

Observed MW

65kDa

Calculated MW

45kDa

Category

Primary antibody

Applications

WB,ELISA,ChIP

Cross-Reactivity

Human, Mouse, Rat

Background

YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

ChIP 5µg antibody for 10µg-15µg of Chromatin

Immunogen Information

Gene ID

7528

Swiss Prot

P25490

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 80-160 of human YY1 (NP_003394.1).

Synonyms

DELTA; NF-E1; UCRBP; GADEV5; INO80S; YIN-YANG-1; YY1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

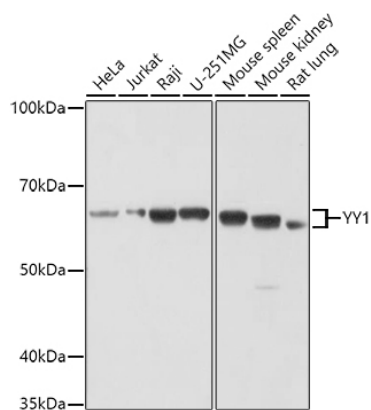
Affinity purification

Storage

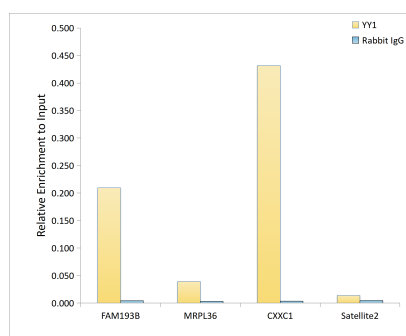
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using YY1 Rabbit pAb (A12928) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



Chromatin immunoprecipitation analysis of extracts of 293T cells, using YY1 antibody (A12928) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.