

YY1 Rabbit mAb

Catalog No.: A19569

Recombinant

9 Publications

Basic Information

Observed MW

60kDa

Calculated MW

45kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA,CHIP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0048

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 1:1000 - 1:6000

IF/ICC 1:50 - 1:400

Please optimize the concentration based on your specific assay requirements.

CHIP 5µg antibody for 10µg-15µg of Chromatin.

ELISA Recommended starting concentration is 1 µg/mL

Immunogen Information

Gene ID

7528

Swiss Prot

P25490

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

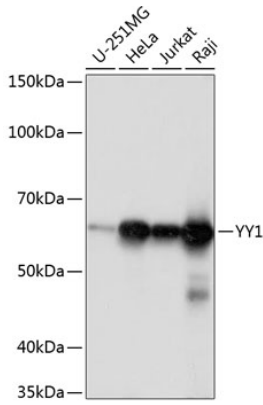
Contact

 | 400-999-6126

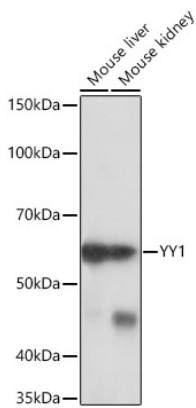
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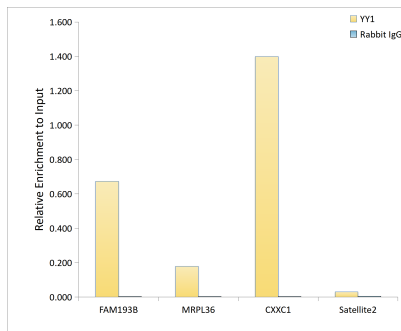
Validation Data



Western blot analysis of various lysates using YY1 Rabbit mAb (A19569) 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: 1s.

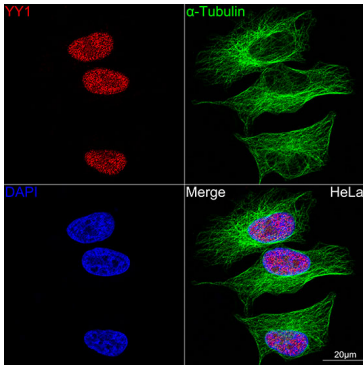


Western blot analysis of various lysates using YY1 Rabbit mAb (A19569) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Chromatin immunoprecipitation analysis of extracts of 293T cells, using YY1 antibody (A19569) 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.

Validation Data



Confocal imaging of HeLa cells using YY1 Rabbit mAb (A19569,dilution 1:50)(Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.