

A19569

Leader in Biomolecular Solutions for Life Science



YY1 Rabbit mAb

Catalog No.: A19569

Recombinant

4 Publications

Basic Information

Observed MW

60kDa

Calculated MW

45kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IF/ICC,ChIP,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC0048

Recommended Dilutions

WB 1:1000 - 1:6000

IF/ICC 1:50 - 1:400

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

Contact

 www.abclonal.com

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.

Immunogen Information

Gene ID

7528

Swiss Prot

P25490

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human YY1 (P25490).

Synonyms

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

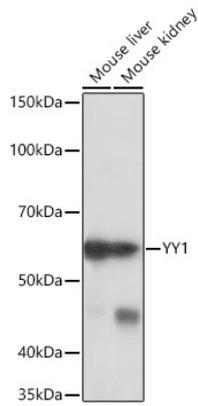
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using YY1 Rabbit mAb (A19569) at 1:1000 dilution.

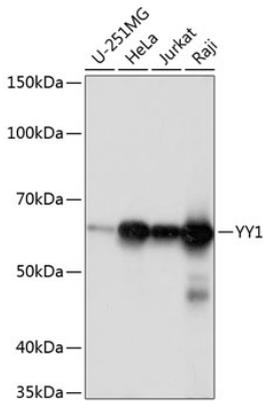
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Western blot analysis of various lysates using YY1 Rabbit mAb (A19569) at 1:1000 dilution.

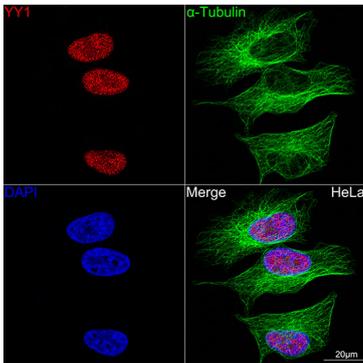
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



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.