A12928

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# YY1 Rabbit pAb

**Catalog No.: A12928** 3 Publications

## Basic Information

**Observed MW**
65kDa

**Calculated MW**
45kDa

**Category**
Polyclonal Antibody

**Applications**
WB,ChIP,ELISA

**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 |

## Contact

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## Immunogen Information

**Gene ID**
7528

**Swiss Prot**
P25490

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
DELTA; NF-E1; UCRBP; GADEVS; INO80S; YIN-YANG-1; YY1

## Product Information

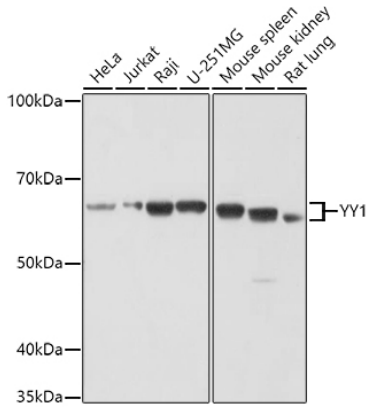
**Source**
Rabbit

**Isotype**
IgG

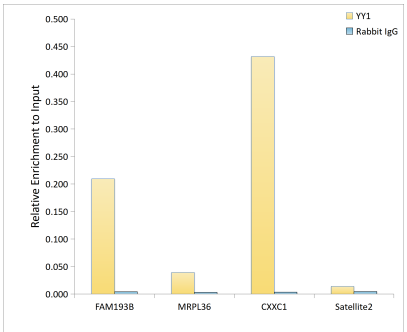
**Purification**
Affinity purification

**Storage**
Store at -20℃

## 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.