

#T40108

# YY1 Antibody

- 50  $\mu$ l
- 100  $\mu$ l
- 200  $\mu$ l

## DESCRIPTION

Yy1 (Yin Yang 1) is a transcriptional repressor protein in humans that is encoded by the YY1 gene. 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. Hence, the YY in the name stands for "yin-yang." 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.

## SOURCE

This Abmart monoclonal antibody is produced by immunizing animals with a polypeptide (Abmart SEAL mAb technology) corresponding to YY1 protein.

## STORAGE

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze/thaw cycle.

## ALIASES

Yin Yang 1; YY1 transcription factor; CF1; Delta; Delta transcription factor; NF E1; NFE1

## REACTIVITY

Human, Mouse, Rat

## ISOTYPE

Rabbit IgG

## PREDICTED MOLECULAR WEIGHT

65 kDa

## RECOMMEND ANTIBODY DILUTIONS

Western blotting 1:500-1:2000

**\*For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

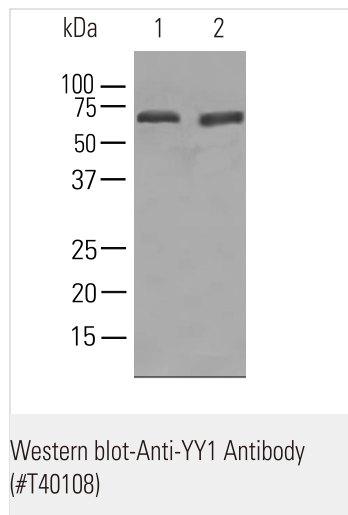
Abmart

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## APPLICATION DATA



**All lanes :** YY1 Antibody

**Lane 1 :** HeLa cell lysate

**Lane 2 :** Daudi cell lysate

### Secondary

Goat Anti-Rabbit IgG-HRP, 5% skim milk conjugated at 1/10000 dilution

**Predicted band size :** 65 kDa

**Observed band size :** 65 kDa

Blocking/Dilution buffer : 1× PBS.

**Applications Key:** WB—Western blot, IP—Immunoprecipitation, IHC—Immunohistochemistry, ChIP—Chromatin Immunoprecipitation, IF—Immunofluorescence

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For *in vitro* research use only and not intended for use in humans or animals.