

Product Name: YY1 Rabbit Monoclonal Antibody
Catalog #: AMRe02787



Summary

Production Name	YY1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	YY1
Alternative Names	YY1; Delta transcription factor; INO80 complex subunit S; NF-E1; Yin and yang 1; YY-1
Gene ID	7528
SwissProt ID	P25490

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 65 kDa

Background

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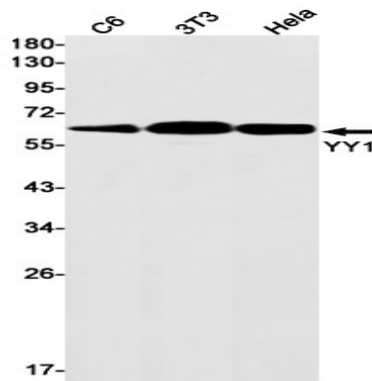


Its activity is regulated by transcription factors and cytoplasmic proteins that have been shown to abrogate or completely inhibit YY1-mediated activation or repression. For example, it acts as a repressor in absence of adenovirus E1A protein but as an activator in its presence. Acts synergistically with the SMAD1 and SMAD4 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of YY1 in C6, 3T3, HeLa lysates using YY1 antibody.

Note

For research use only.