

Product Name: YY1 Rabbit Polyclonal Antibody
Catalog #: APRab01322

Summary

Production Name	YY1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

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 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 68 kDa

Background

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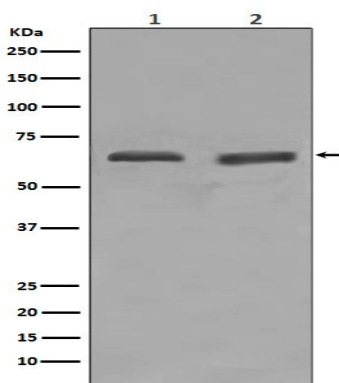


Its activity is regulated by transcription factors and cytoplasmic proteins that have been shown to abrogate or completely inhibit YY1-mediated activation or repression. For example, it acts as a repressor in absence of adenovirus E1A protein but as an activator in its presence. Acts synergistically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

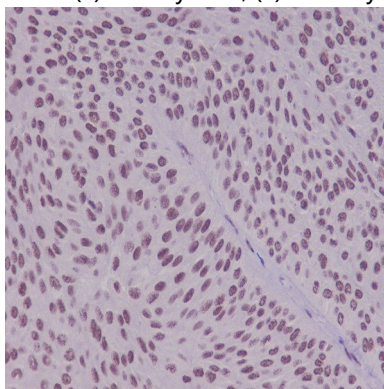
Research Area

Epigenetics and Nuclear Signaling

Image Data

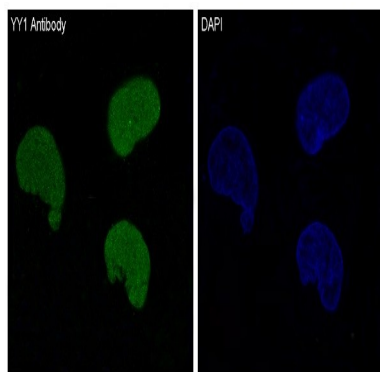


Western blot analysis of YY1 in (1) HeLa lysates; (2) Daudi lysates using YY1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human bladder using YY1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunofluorescence analysis of YY1 in HeLa using YY1 antibody.

Note

For research use only.