



YY1 Rabbit mAb

Catalog No	YP-rAb-17191
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,IP,ELISA
Gene Name	YY1 INO80S
Protein Name	Transcriptional repressor protein YY1 (Delta transcription factor) (INO80 complex subunit S) (NF-E1) (Yin and yang 1) (YY-1)
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:500-1:2000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	TTY1 ; Transcriptional repressor protein YY1 ; Delta transcription factor ; INO80 complex subunit S ; NF-E1 ; Yin and yang 1 ; YY-1 ;
Observed Band	65kD
Calculated Molecular Weight	45kD
Cell Pathway	Nucleus matrix . Associated with the nuclear matrix.
Tissue Specificity	Brain,Epithelium,Foreskin,Lymph,
Function	Multifunctional transcription factor that exhibits positive and negative control on a large number of cellular and viral genes by binding to sites overlapping the transcription start site. May play an important role in development and differentiation. The function of YY1 as an activator or a repressor is specified by the presence of other proteins. For example it acts as a repressor in absence of adenovirus E1A protein but as an activator in its presence.,similarity:Belongs to the YY transcription factor family.,similarity:Contains 4 C2H2-type zinc fingers.,subcellular location:Associated with the nuclear matrix.,subunit:Interacts with YAF2 through the region encompassing the first and second zinc fingers. Interacts with INO80.,





Background

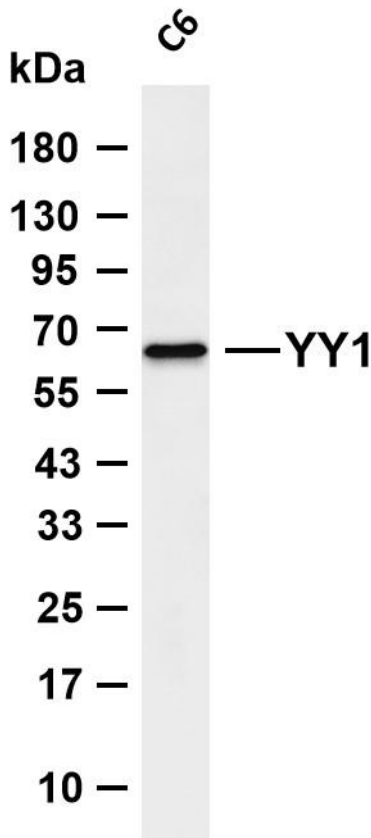
YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the function of YY1. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-YY1 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: C6
Predicted band size: 45kDa Observed band size: 65kDa

