

For Research Use Only

YY1 Recombinant antibody, PBS Only



Catalog Number: 82712-3-PBS

Basic Information

Catalog Number: 82712-3-PBS	GenBank Accession Number: BC037308	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7528	CloneNo.: 1B5
Source: Rabbit	UNIPROT ID: P25490	
Isotype: IgG	Full Name: YY1 transcription factor	
Immunogen Catalog Number: AG17792	Calculated MW: 414 aa, 45 kDa	
	Observed MW: 65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
Human, mouse

Background Information

YY1, also named as DELTA, INO80S and NF-E1, contains four C2H2-type zinc fingers and belongs to the YY transcription factor family. YY1 is a 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. 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 YY1. The open reading frame of the human YY1 cDNA encodes a protein of 414 amino acids with a predicted molecular weight of 44 kDa. However, YY1 migrates on SDS gels as a 65-68 kDa protein, probably due to the structure of the protein. It is a ubiquitously expressed transcription factor with fundamental roles in embryogenesis, differentiation, replication and proliferation.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

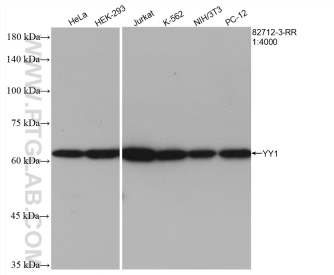
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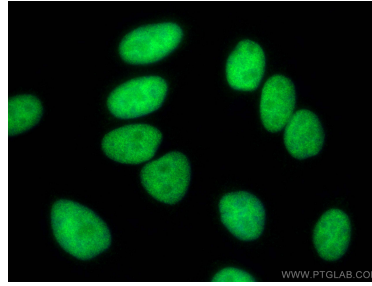
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82712-3-RR (YY1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82712-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using YY1 antibody (82712-3-RR, Clone: 1B5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 82712-3-PBS in a different storage buffer formulation.