

For Research Use Only

# CoraLite® Plus 488-conjugated YY1 Polyclonal antibody



Catalog Number: CL488-22156

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-22156	<b>GenBank Accession Number:</b> BC037308	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7528	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> YY1 transcription factor	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 414 aa, 45 kDa	
<b>Immunogen Catalog Number:</b> AG17792	<b>Observed MW:</b> 65-70 kDa	

## Applications

**Tested Applications:**  
**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. This is a rabbit polyclonal antibody raised against full length YY1 of human origin.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

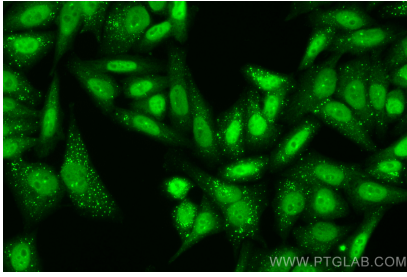
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 YY1 antibody (CL488-22156) at dilution of 1:200.