

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-YY1



Numéro de catalogue: 22156-1-AP

Phare

27 Publications

Informations de base

Numéro de catalogue:
22156-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG17792

Numéro d'acquisition GenBank:
BC037308

Identification du gène (NCBI):
7528

Nom complet:
YY1 transcription factor

MW calculé
414 aa, 45 kDa

MW observés:
65-70 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
ChIP, ColP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
bovin, Humain, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules A549, cellules HEK-293, cellules HeLa

IP : cellules HeLa,

IHC : tissu de cancer du sein humain,

IF : cellules HepG2,

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Trevor Teafatiller	36096242	Life Sci	WB
Qing-Dong Wang	36285444	Pathol Int	WB, ColP
Huaxing Zhao	36296422	Molecules	WB, IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

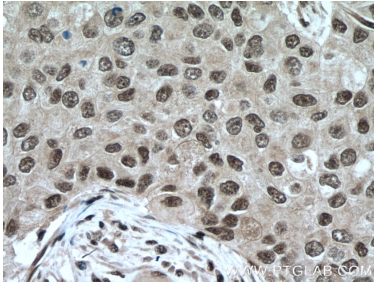
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

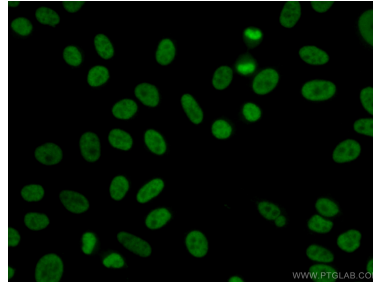
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

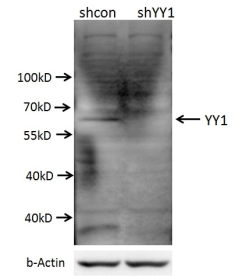
Données de validation sélectionnées



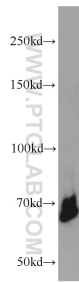
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22156-1-AP (YY1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



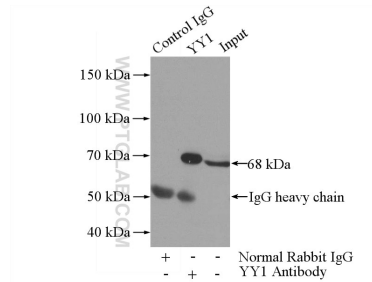
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 22156-1-AP (YY1 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



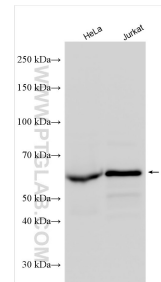
A549 cells (shcontrol and shRNA of YY1) were subjected to SDS PAGE followed by western blot with 22156-1-AP (YY1 antibody) at dilution of 1:1000.



Jurkat cells were subjected to SDS PAGE followed by western blot with 22156-1-AP (YY1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-YY1 (IP:22156-1-AP, 5ug; Detection:22156-1-AP 1:700) with HeLa cells lysate 880ug.



Various lysates were subjected to SDS PAGE followed by western blot with 22156-1-AP (YY1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.