

Nur für Forschungszwecke

YY1 Polyklonaler Antikörper

Katalog-Nr.: 22156-1-AP

Vorgestelltes Produkt

26 Publikationen



Allgemeine Informationen

Katalog-Nr.:
22156-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 300 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG17792

GenBank-Zugangsnummer:
BC037308

GeneID (NCBI):
7528

Vollständiger Name:
YY1 transcription factor

Berechnete Masse:
414 aa, 45 kDa

Beobachtete Masse:
65-70 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

ChIP, CoIP, IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Hausschwein, Human, Maus, Ratte, Rind

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IP: HeLa-Zellen,

IHC: humanes Mammakarzinomgewebe,

IF: HepG2-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Trevor Teafatiller	36096242	Life Sci	WB
Qing-Dong Wang	36285444	Pathol Int	WB, CoIP
Huaxing Zhao	36296422	Molecules	WB, IF

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

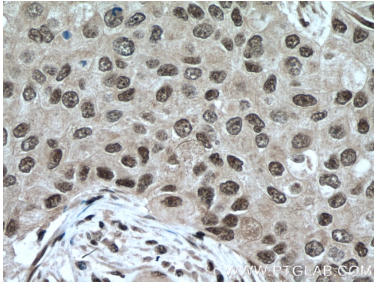
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

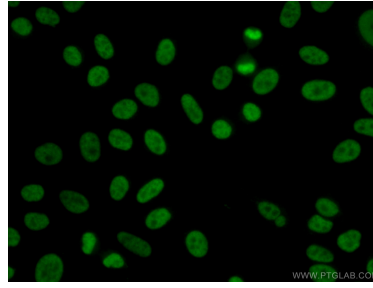
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

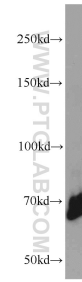
Ausgewählte Validierungsdaten



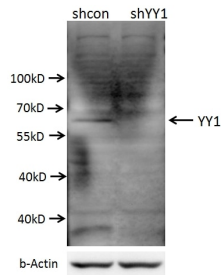
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22156-1-AP (YY1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



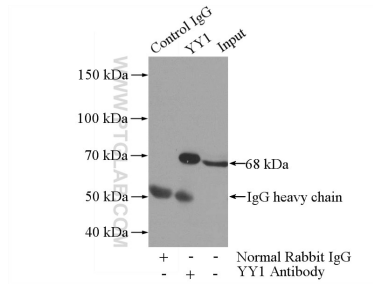
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 22156-1-AP (YY1 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



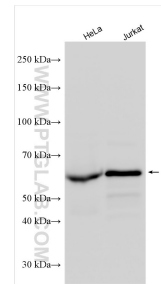
Jurkat cells were subjected to SDS PAGE followed by western blot with 22156-1-AP (YY1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.



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.