

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-c-MYC



Numéro de catalogue: 10828-1-AP

Phare

529 Publications

Informations de base

Numéro de catalogue:
10828-1-AP

Taille:
150ul, Concentration: 800 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1263

Numéro d'acquisition GenBank:
BC000141

Identification du gène (NCBI):
4609

Nom complet:
v-myc myelocytomatosis viral
oncogene homolog (avian)

MW calculé
49 kDa

MW observés:
62-65 kDa, 50 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:2000-1:12000
IP 0.5-4.0 ug for IP and 1:500-1:2000
for WB
IF 1:200-1:800

Applications

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

Demandes citées:
ChIP, CoIP, EMSA, IF, IP, WB

Spécificité de l'espèce:
Humain

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

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HepG2,
cellules HL-60, cellules HT-29, cellules Jurkat, cellules
Jurkat et cellules Raji, cellules Raji, cellules SH-SY5Y,
tissu placentaire humain

IP : cellules MCF-7,

IF : Saos-2 cells, cellules HEK-293, cellules U2OS

Informations générales

MYC contains one basic helix-loop-helix (bHLH) domain. This protein is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. It seems to activate the transcription of growth-related genes. It binds DNA in a non-specific manner, yet also specifically recognizes the core sequence 5'-CAC[GA]TG-3'. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. This antibody is a rabbit polyclonal antibody raised against recombinant protein of human MYC. The 50kDa band recognized by antibody is the native form of MYC, while the other bands, between 60-70kDa, are the phosphorylated form of MYC [PMID: 12189186]

Publications notables

Autrice	Pubmed ID	Journal	Application
Ruosi Yao	33061303	Drug Des Devel Ther	WB
Zhen-Yu Shi	29039446	Int J Mol Med	WB
Ke-Xin Wang	34649212	Phytomedicine	WB

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.

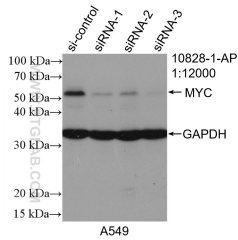
For technical support and original validation data for this product please contact:

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

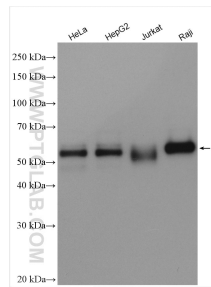
E: proteintech@ptglab.com
W: ptglab.com

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

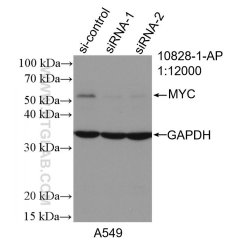
Données de validation sélectionnées



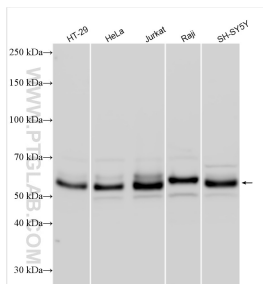
WB result of c-MYC antibody (10828-1-AP; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-c-MYC transfected A549 cells.



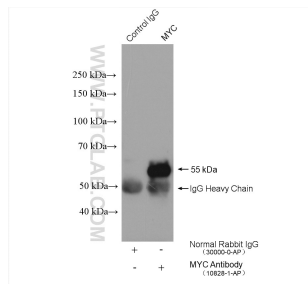
Various lysates were subjected to SDS PAGE followed by western blot with 10828-1-AP (c-MYC antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



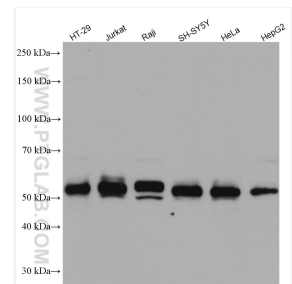
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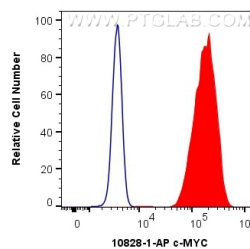
IP result of anti-c-MYC (IP:10828-1-AP, 4ug; Detection:10828-1-AP 1:1000) with MCF-7 cells lysate 1660 ug.



Various lysates were subjected to SDS PAGE followed by western blot with 10828-1-AP (c-MYC antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Saos-2 cells using c-MYC antibody (10828-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human c-MYC (10828-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).