

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P16-INK4A



Numéro de catalogue: 30519-1-AP

Informations de base

Numéro de catalogue: 30519-1-AP	Numéro d'acquisition GenBank: NM_000077	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 900 µg/ml by Nanodrop;	Identification du gène (NCBI): 1029	Dilutions recommandées: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
Hôte: Lapin	Nom complet: cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	
Isotype: IgG	MW calculé 17 kDa	
Immunogen Catalog Number: AG29567	MW observés: 16 kDa	

Applications

Applications testées: FC, IP, WB, ELISA	Contrôles positifs: WB : cellules HEK-293, cellules HeLa
Spécificité de l'espèce: Humain	IP : cellules HEK-293,

Informations générales

P16-INK4A is also named as CDKN2A, MLM, Tumor suppressor ARF, Alternative reading frame. The tumor suppressor protein p16Ink4a (encoded from the CDKN2A locus) is often transcriptionally activated in cells undergoing senescence and is one of the main regulators of this program, and it is upregulated in multiple tissues during aging (PMID:17055429). p16-Ink4a is the principal member of the Ink4 family of CDK inhibitors. p16-Ink4a contributes to the regulation of cell cycle progression by inhibiting the S phase. p16Ink4a binds to CDK4/6, inhibiting cyclin D-CDK4/6 complex formation and CDK4/6-mediated phosphorylation of Rb family members. Expression of p16-Ink4a maintains the Rb family members in a hypophosphorylated state, which promotes binding to E2F1 and leads to G1 cell cycle arrest (PMID: 21297668).

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azote 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.

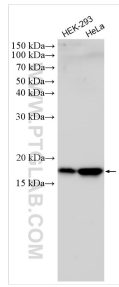
For technical support and original validation data for this product please contact:

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

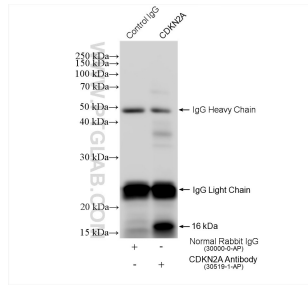
E: proteintech@ptglab.com
W: ptglab.com

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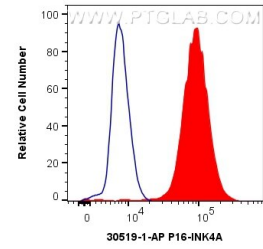
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 30519-1-AP (P16-INK4A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-P16-INK4A (IP:30519-1-AP, 4ug; Detection:30519-1-AP 1:1000) with HEK-293 cells lysate 1280 ug.



1×10^6 HeLa cells were intracellularly stained with 0.8 ug Anti-Human P16-INK4A (30519-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).