

À des fins de recherche uniquement

Anticorps Monoclonal anti-SMARCA4/BRG1



Numéro de catalogue: 66561-1-Ig

Phare

1 Publications

Informations de base

Numéro de catalogue: 66561-1-Ig	Numéro d'acquisition GenBank: BC150298	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6597	CloneNo.: 2E6B6
Hôte: Mouse	Nom complet: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	Dilutions recommandées: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:1000-1:6000 for WB IF 1:400-1:1600
Isotype: IgG2b	MW calculé 1647 aa, 185 kDa	
Immunogen Catalog Number: AG16256	MW observés: 185 kDa	

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HepG2, cellules 4T1, cellules COLO 320, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562

IP : cellules HeLa,

IF : cellules HepG2, cellules PC-3

Informations générales

SMARCA4, also named as BAF190A, BRG1, SNF2B and SNF2L4, belongs to the SNF2/RAD54 helicase family. SMARCA4 is a transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. It is a component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. It is also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

Publications notables

Autrice	Pubmed ID	Journal	Application
C C Liu	31041569	Inflammation	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.

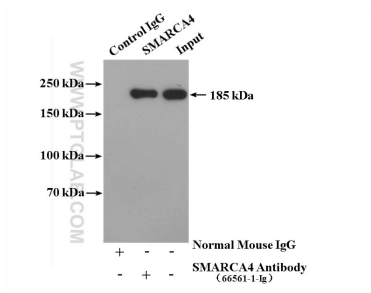
For technical support and original validation data for this product please contact:

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

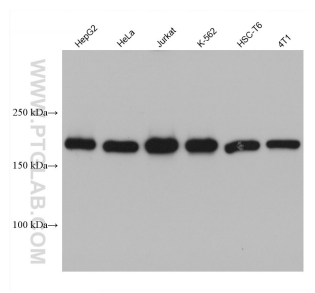
E: proteintech@ptglab.com
W: ptglab.com

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

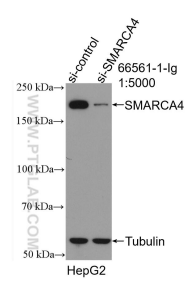
Données de validation sélectionnées



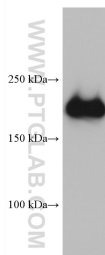
IP result of anti-SMARCA4 (IP:66561-1-Ig, 5ug; Detection:66561-1-Ig 1:3000) with HeLa cells lysate 3200 ug.



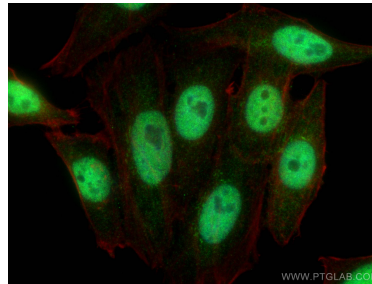
Various lysates were subjected to SDS PAGE followed by western blot with 66561-1-Ig (SMARCA4/BRG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



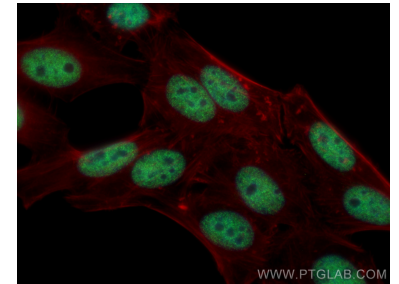
WB result of SMARCA4/BRG1 antibody (66561-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SMARCA4/BRG1 transfected HepG2 cells.



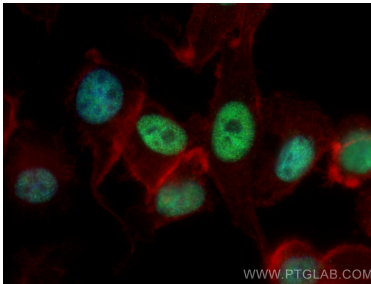
COLO 320 cells were subjected to SDS PAGE followed by western blot with 66561-1-Ig (SMARCA4/BRG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SMARCA4/BRG1 antibody (66561-1-Ig, Clone: 2E6B6) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SMARCA4/BRG1 antibody (66561-1-Ig, Clone: 2E6B6) at dilution of 1:50000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using SMARCA4/BRG1 antibody (66561-1-Ig, Clone: 2E6B6) at dilution of 1:50000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).