

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SMARCA4/BRG1



Numéro de catalogue: 21634-1-AP

Phare

32 Publications

Informations de base

Numéro de catalogue:

21634-1-AP

Taille:

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

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG16256

Numéro d'acquisition GenBank:

BC150298

Identification du gène (NCBI):

6597

Nom complet:

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4

MW calculé

1647 aa, 185 kDa

MW observés:

185 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 ug par IP and 1:500-1:2000 for WB

IHC 1:200-1:800

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ChIP, ColP, IF, IHC, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, poisson-zèbre, 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 HeLa, cellules HepG2, cellules MCF-7, cellules PC-3, tissu cérébral de rat, tissu cérébral de souris, tissu placentaire humain

IP : cellules HeLa,

IHC : tissu de cancer du côlon humain, tissu de cancer du poumon humain, tissu de cancer du sein humain, tissu de gliome humain, tissu rénal de souris

IF : cellules HepG2, cellules HEK-293, cellules HeLa

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
Shibin Hu	34534457	Mol Cell	ChIP
Mingyan Huang	30546959	Oncoimmunology	WB,ChIP
Xiaodong Yan	33071648	Cancer Cell Int	IF,IHC

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.

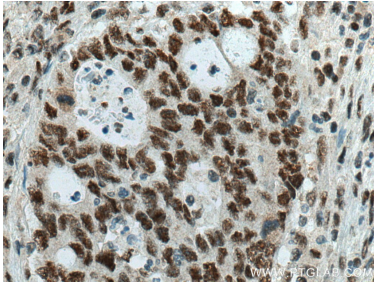
For technical support and original validation data for this product please contact:

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

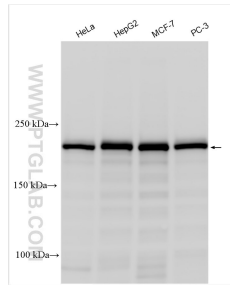
E: proteintech@ptglab.com
W: ptglab.com

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

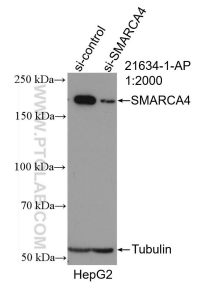
Données de validation sélectionnées



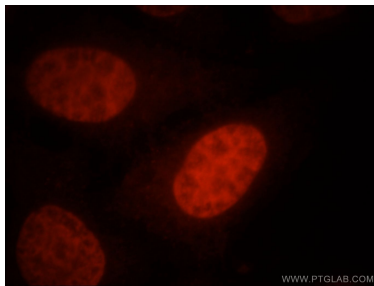
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 21634-1-AP (SMARCA4/BRG1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



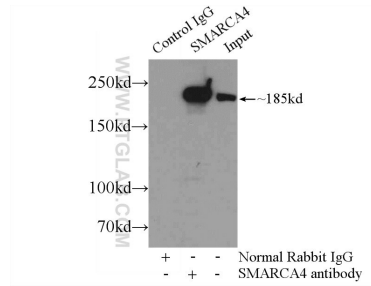
Various lysates were subjected to SDS PAGE followed by western blot with 21634-1-AP (SMARCA4/BRG1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of SMARCA4/BRG1 antibody (21634-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SMARCA4/BRG1 transfected HepG2 cells.



Immunofluorescent analysis of HepG2 cells, using SMARCA4 antibody 21634-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-SMARCA4/BRG1 (IP:21634-1-AP, 5ug; Detection:21634-1-AP 1:1000) with HeLa cells lysate 2500ug.

Various lysates were subjected to SDS PAGE followed by western blot with 21634-1-AP (SMARCA4/BRG1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.