

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SMARCB1



Numéro de catalogue: 20654-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:
20654-1-AP

Taille:
150ul, Concentration: 550 µg/ml by Nanodrop and 460 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Numéro d'acquisition GenBank:
NM_003073

Identification du gène (NCBI):
6598

Nom complet:
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1

MW calculé
44 kDa

MW observés:
40-45 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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 HepG2, cellules K-562

IP : cellules K-562,

IHC : tissu de lymphome humain, tissu de cancer de la prostate humain

Informations générales

SMARCB1, also named as BAF47, INI 1 and SNF5L1, belongs to the SNF5 family. It is a core component of the BAF (hSWI/SNF) complex. The BAF complex is able to create a stable, altered form of chromatin that constrains fewer negative supercoils than normal. SMARCB1 stimulates in vitro the remodeling activity of SMARCA4/BRG1/BAF190A. It is involved in activation of CSF1 promoter. SMARCB1 belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. SMARCB1 plays a key role in cell-cycle control and causes cell cycle arrest in G0/G1. 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. Defects in SMARCB1 are a cause of rhabdoid tumor (RDT) which also known as malignant rhabdoid tumor (MRT). Defects in SMARCB1 are a cause of schwannomatosis. The antibody is specific to SMARCB1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ying Chen	35506290	Bioengineered	WB
Li Wang	31915373	Nat Cell Biol	IF
Ying Chen	34999540	Transl Oncol	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)

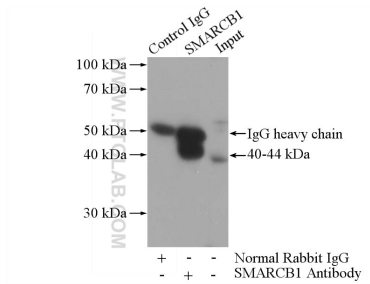
E: proteintech@ptglab.com
W: ptglab.com

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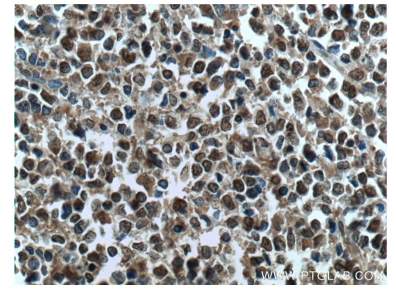
Données de validation sélectionnées



HepG2 cells were subjected to SDS PAGE followed by western blot with 20654-1-AP (SMARCB1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-SMARCB1 (IP:20654-1-AP, 4ug; Detection:20654-1-AP 1:500) with K-562 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 20654-1-AP (SMARCB1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).