

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-SMARCD1



Numéro de catalogue: 10998-2-AP

Phare

7 Publications

## Informations de base

Numéro de catalogue:

10998-2-AP

Taille:

150ul , Concentration: 433 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG1453

Numéro d'acquisition GenBank:

BC009368

Identification du gène (NCBI):

6602

Nom complet:

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1

MW calculé

58 kDa

MW observés:

58 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:20-1:200

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, 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 : tissu cérébral de souris, cellules Jurkat, tissu cérébral humain

IP : tissu cérébral de souris,

IHC : tissu de lymphome humain,

IF : cellules SH-SY5Y,

## Informations générales

SMARCD1 belongs to the nuclear SWI/SNF chromatin remodeling complex, which regulates transcription and interacts with nucleolin in the nucleus. In addition, it's a member of the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). It possesses a SWIB domain which is homologous to and shares a common fold with the p53-binding domain of MDM2, a cell cycle regulator which interacts with NPM1. SMARCD1 has a strong influence on the Vitamin D-mediated transcriptional activity from an enhancer Vitamin D receptor element (VDRE). And it can mediate critical interactions between nuclear receptors and the BRG1/SMARCA4 chromatin-remodeling complex for transactivation. This antibody may have cross reaction with SMARCD2.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xu Zhu	32459350	Nucleic Acids Res	CoIP
Tongyu Liu	32404872	Nat Commun	WB
Shuo Chen	25819031	Cancer Lett	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.

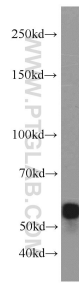
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

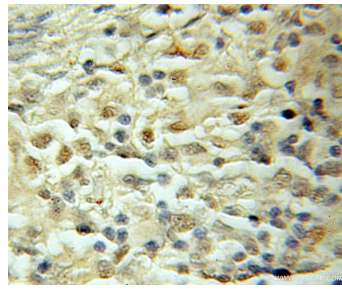
E: proteintech@ptglab.com  
W: ptglab.com

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

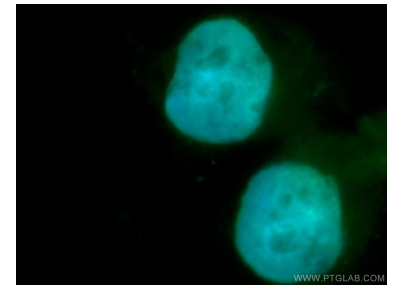
## Données de validation sélectionnées



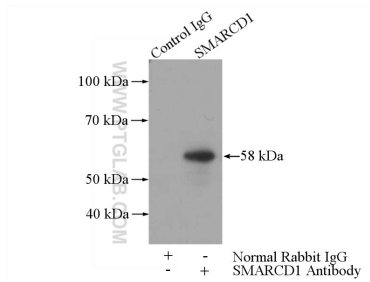
mouse brain tissue were subjected to SDS PAGE followed by western blot with 10998-2-AP (SMARCD1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 10998-2-AP (SMARCD1 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of SH-SY5Y cells, using SMARCD1 antibody 10998-2-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-SMARCD1 (IP:10998-2-AP, 3ug; Detection:10998-2-AP 1:600) with mouse brain tissue lysate 4000ug.