

Nur für Forschungszwecke

SMARCA4/BRG1 Monoklonaler Antikörper



Katalog-Nr.: 66561-1-Ig

Vorgestelltes Produkt

1 Publikationen

Allgemeine Informationen

Katalog-Nr.:
66561-1-Ig

Größe:
150ul, Konzentration: 1700 µg/ml von 6597
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG16256

GenBank-Zugangsnummer:
BC150298

GeneID (NCBI):

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

Berechnete Masse:
1647 aa, 185 kDa

Beobachtete Masse:
185 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
2E6B6

Empfohlene Verdünnungen:
WB 1:5000-1:50000
IP 0.5-4.0 µg für IP und 1:1000-1:6000
für WB
IF 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Ratte

Zitierte Arten:

Human

Positivkontrollen:

WB : HepG2-Zellen, 4T1-Zellen, COLO 320-Zellen,
HeLa-Zellen, Jurkat-Zellen, K-562-Zellen

IP : HeLa-Zellen,

IF : HepG2-Zellen, PC-3-Zellen

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|-----------|-----------|--------------|-----------|
| C C Liu | 31041569 | Inflammation | WB,IF |

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

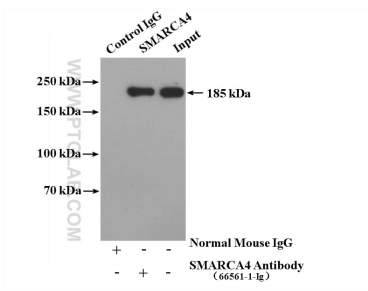
For technical support and original validation data for this product please contact:

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

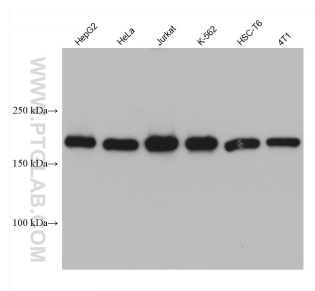
E: proteintech@ptglab.com
W: ptglab.com

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

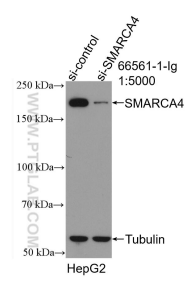
Ausgewählte Validierungsdaten



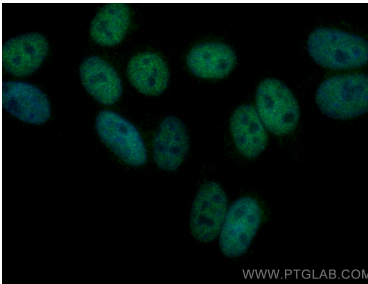
IP result of anti-SMARCA4 (IP:66561-1-Ig, 5ug; Detection:66561-1-Ig 1:3000) with HeLa cells lysate 3200 ug.



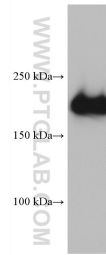
Various lysates were subjected to SDS PAGE followed by western blot with 66561-1-Ig (SMARCA4/BRG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



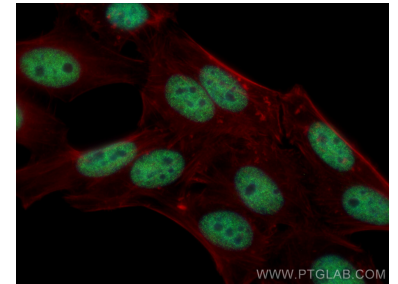
WB result of SMARCA4/BRG1 antibody (66561-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SMARCA4/BRG1 transfected HepG2 cells.



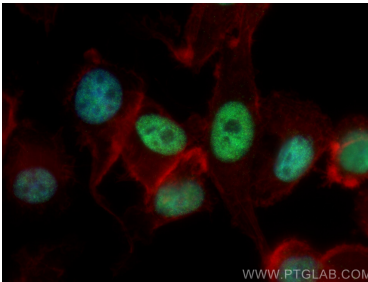
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SMARCA4/BRG1 antibody (66561-1-Ig, Clone: 2E6B6) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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 1:50000 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).