

For Research Use Only

SMARCA5 Polyclonal antibody

Catalog Number: 13066-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 13066-1-AP	GenBank Accession Number: BC023144	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8467	Recommended Dilutions: WB 1:500-1:1000 IF 1:500-1:2000
Source: Rabbit	Full Name: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	
Isotype: IgG	Calculated MW: 1052 aa, 122 kDa	
Immunogen Catalog Number: AG3759	Observed MW: 122 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HepG2 cells, A431 cells, HeLa cells, Jurkat cells, MCF-7 cells
Species Specificity: human	IF : HeLa cells,
Cited Species: human, mouse	

Background Information

SMARCA5, also named as SNF2H or WCRF135, is a 1052 amino acid protein, which localizes in nucleus and is overexpressed in CD34-positive erythrocyte progenitor cells in acute myeloid leukemia. SMARCA5 is one of the most conserved chromatin remodeling factors. It exists in a variety of oligosubunit complexes that move DNA with respect to the histone octamer to generate regularly spaced nucleosomal arrays. Smarca5 interacts with different accessory proteins and represents a molecular motor for DNA replication, repair, and transcription.

Notable Publications

Author	Pubmed ID	Journal	Application
Haiyan An	31636118	J Cell Biol	WB
Zhe Chen	33755722	J Exp Med	WB
Kenneth Stapleton	32078363	Arterioscler Thromb Vasc Biol	

Storage

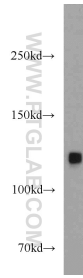
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

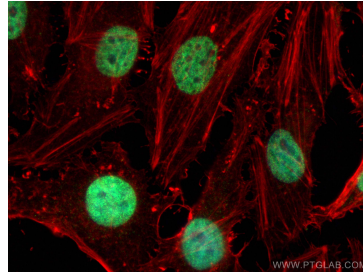
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 13066-1-AP (SMARCA5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SMARCA5 antibody (13066-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).