

For Research Use Only

SMARCA5 Polyclonal ANTIBODY



Catalog Number: 13066-1-AP

1 Publications

Basic Information

Catalog Number:
13066-1-AP

Size:
20 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG3759

GenBank Accession Number:
BC023144

GenelD (NCBI):
8467

Full Name:
SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5

Calculated MW:
1052aa, 122 kDa

Observed MW:
122 kDa

Recommended Dilutions:

WB 1:500-1:1000
IF 1:20-1:200

Applications

Tested Applications:
IF, WB, ELISA

Cited Applications:
WB

Species Specificity:
human,mouse,rat

Cited Species:
human

Positive Controls:

WB : HepG2 cells; A431 cells, HeLa cells, Jurkat cells, MCF-7 cells

IF : HepG2 cells;

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

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

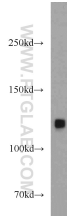
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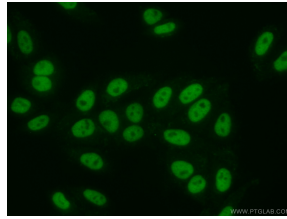
E: proteintech@ptglab.com
W: ptglab.com

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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 (10% Formaldehyde) fixed HepG2 cells using 13066-1-AP(SMARCA5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)