

## anti- SMARCA5 antibody

### Product Information

Catalog No.:	FNab08006
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Helicase that possesses intrinsic ATP-dependent nucleosome-remodeling activity. Complexes containing SMARCA5 are capable of forming ordered nucleosome arrays on chromatin; this may require intact histone H4 tails. Also required for replication of pericentric heterochromatin in S-phase specifically in conjunction with BAZ1A. Probably plays a role in repression of polI dependent transcription of the rDNA locus, through the recruitment of the SIN3/HDAC1 corepressor complex to the rDNA promoter. Essential component of the WICH complex, a chromatin remodeling complex that mobilizes nucleosomes and reconfigures irregular chromatin to a regular nucleosomal array structure. The WICH complex regulates the transcription of various genes, has a role in RNA polymerase I and RNA polymerase III transcription, mediates the histone H2AX phosphorylation at 'Tyr-142', and is involved in the maintenance of chromatin structures during DNA replication processes. Essential component of the NoRC(nucleolar remodeling complex) complex, a complex that mediates silencing of a fraction of rDNA by recruiting histone-modifying enzymes and DNA methyltransferases, leading to heterochromatin formation and transcriptional silencing.

### Immunogen information

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

### Wuhan Fine Biotech Co., Ltd.

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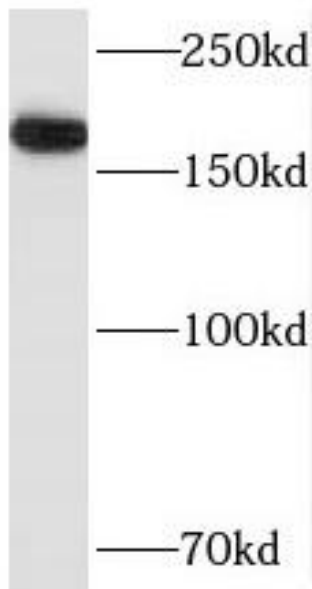
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Synonyms: SNF2H, WCRF135  
Observed MW: 185 kDa  
UniprotID : O60264

### Application

Reactivity: Human, Mouse, Rat  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:500-1:2000

Image:



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab08006(SMARCA5 antibody) at dilution of 1:800

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