

## SMARCD3 antibody

### Product Information

Catalog No.:	FNab08013
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

Plays a role in ATP dependent nucleosome remodeling by SMARCA4 containing complexes. Stimulates nuclear receptor mediated transcription. Belongs to the neural progenitors-specific chromatin remodeling complex(npBAF complex) and the neuron-specific chromatin remodeling complex(nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes(nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth(By similarity).

### Immunogen information

Immunogen:	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3
Synonyms:	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 60 kDa BRG-1/Brm-associated factor subunit C BRG1-associated factor 60C (BAF60C) SMARCD3 BAF60C
Observed MW:	54 kDa

Uniprot ID : Q6STE5

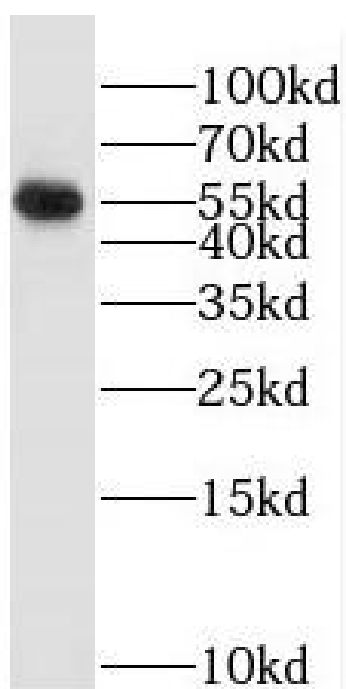
### Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:20-1:200

Image:



C6 and NIH3T3 cells were subjected to SDS PAGE followed by western blot with FNab08013(SMARCD3 antibody) at dilution of 1:1500