

SMARCC1 polyclonal antibody

Catalog: BS91257

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner. May stimulate the ATPase activity of the catalytic subunit of the complex. 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 postmitotic 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 postmitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

123 kDa (Predicted band size) 150 kDa (Observed band size)

Swiss-Prot:

Q92922(Human) D3ZJU5(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

ICC:1:50-1:200

FC:1:50-1:100

IP:1:10-1:50

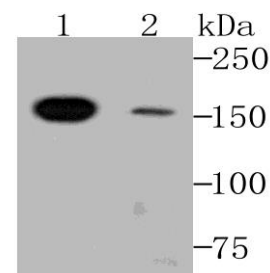
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

SMARCC1 polyclonal antibody detects endogenous levels of SMARCC1 protein.

DATA:

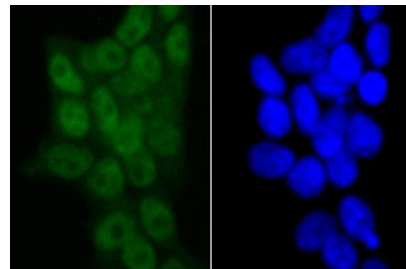


Western blot analysis of SMARCC1 on different cell lysates using anti-SMARCC1 at 1/500 dilution.

Positive control:

Line 1: Mouse thymus tissue

Line 2: HL-60



ICC staining SMARCC1 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS.

Note:

For research use only, not for use in diagnostic procedure.

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