

## Product Datasheet

# SNF5 Antibody



Catalog No: CY5116

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP

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### Information

**UniProt ID:** Q12824

**All Names:** SMARCB1;BAF47; BRG1-associated factor 47; hSNF5; INI1; Integrase interactor 1 protein; Malignant rhabdoid tumor suppressor; RDT; RTPS1; Sfh1p; SMARCB1; SNF5

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 44 kDa

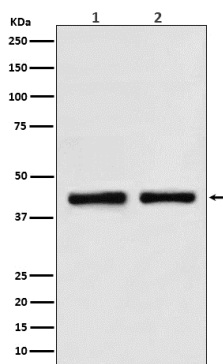
### Application

WB: 1:500~1:2000

IP: 1:50

### Background

The SWI-SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF2 $\alpha$ ) and Brg-1 (also designated SNF2 $\beta$ ) are the ATPase subunits of the mammalian SWI-SNF complex. Brm, Brg-1, Ini1 (integrator interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI-SNF complex. Addition of Ini1, BAF155 and BAF170 to Brg-1 appears to increase remodeling activity. Other complex subunits are thought to play regulatory roles. hSNF2L and hSNF2H both appear to be homologs of Drosophila ISWI, a Brm related ATPase that is present in chromatin remodeling complexes other than SWI/SNF, including the NURF (nucleosome remodeling factor).



Western blot analysis of SNF5 in (1) HeLa cell lysate;  
(2) K562 cell lysate.

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