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## SMARCA5 (N) Antibody, Rabbit Polyclonal

**Cat#:** R0431-1

**Quantity:** 100 ul

**Predicted M.W.:** 122 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** O60264

### **Background:**

SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 (SMARCA5) is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. SMARCA5 is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. It has been shown that SMARCA5 is overexpressed in CD34-positive erythrocyte progenitor cells in acute myeloid leukemia, while its down-regulation correlates with hematologic remission following chemotherapy.

### **Other Names:**

SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5, Sucrose nonfermenting protein 2 homolog, hSNF2H, SNF2H, WCRF135

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SMARCA5. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:5,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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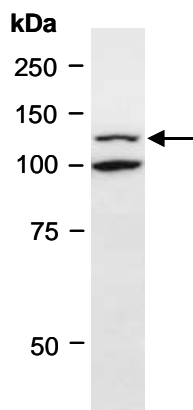
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**Product Data:**



**Fig 1.** Western blot of total cell extracts from mouse MEF, using Ab (R0431-1) at RT for 2 h.

Last Update: 11/2011

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