

## SMARCAL1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 106kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human SMARCAL1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

1 mg/ml

**Synonym:**

HARP; HHARP;

**Catalog #:** A2310

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 50485

**Isotype:** IgG

**Swiss Prot:** Q9NZC9

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene 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. The encoded protein shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency.

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