

## Anti-SHPRH Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 34009

**Size:** 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

### **BACKGROUND**

A novel gene containing SNF2, PHD-finger, RING-finger, helicase, and linker histone domains termed SHPRH, is a possible candidate for a tumor suppressor gene. These domains are characteristic of several DNA repair proteins, transcription factors, and helicases. Mapping of this gene to 6q24, a region reported to contain a tumor suppressor locus, suggests a role for SHPRH in tumor suppression.

### **SPECIFICATION SUMMARY**

**Immunogen:** Synthetic peptide corresponding to aa residues 515-535 (DKTKKQAVGSPRKIEKELRKS) of mouse SHPRH conjugated to KLH at the N-terminus.

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** None. Available on request.

### **SPECIFICITY**

This antibody recognizes mouse SHPRH (approx. 185 kDa) which has 90% sequence homology with human and 95% sequence homology with rat.

### **APPLICATIONS**

*Immunoblotting* : use at 1:250 dilution.

*Positive control:* Mouse brain lysate.

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium which is identical to that used in the assay system.

### **STORAGE AND STABILITY**

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

### **BACKGROUND REFERENCE:**

Sood R. et al. (2003) Genomics **82**:153-161.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*