

## Anti-FBG4 (F Box 4) Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 28105

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

### **BACKGROUND**

F-box proteins, critical components of the conserved ubiquitin-protein ligase complex SCF (Skp1/Cdc53-Cullin1/F-box), recruit substrates for ubiquitination and consequent degradation through their specific protein-protein interaction domains. Novel human F-box proteins named FBG1, FBG2, FBG3, FBG4 and FBG5 constitute a subfamily of mammalian F-box proteins. FBG genes are expressed in a limited number of human tissues including kidney, liver, brain and muscle tissues.

### **SPECIFICATION SUMMARY**

**Immunogen:** Synthetic peptide corresponding to amino acids 70-85 (LQLARDRSAEGRALYA) of human FBG4 conjugated to KLH at the N-terminus.

**Host Species:** Rabbit

**Stabilizers:** None

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

### **SPECIFICITY**

This antibody recognizes amino acids human FBG4. Sequence homology to mouse and rat FBG4 protein is 100%.

### **APPLICATIONS**

*Immunoblotting* : use at 1:500 dilution.

A band of approximately 31 kDa is detected.

Positive control: recombinant human full length FBG4 protein.

### **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**

Ilyin,GP et al. (2002) Gene 296:11-20.

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