

## Anti-Prostein Polyclonal Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 34006

**Size:** 100 ug IgG in 100 ul (1 mg/ml)  
PBS.

### **BACKGROUND**

Prostein is a novel prostate-specific protein expressed in normal and malignant prostate tissues. This protein appears to be a type IIIa plasma membrane protein with a cleavable signal peptide and 11 transmembrane-spanning regions.

Prostein expression is androgen responsive since treatment of LNCaP cells with androgen up-regulates prostein message and protein expression levels. Thus, prostein is a prostate-specific marker whose detection and quantitation may be useful in diagnosing and monitoring prostate cancer.

### **SPECIFICATION SUMMARY**

**Antigen:** N-terminal sequence  
ITYVPPLLLEVGVEE and C-terminal  
Sequence FATQVVF~~DK~~SDLAKYSA of  
human prostein.

**Host Species:** Rabbit

**Preservatives:** 0.02% sodium azide.

### **SPECIFICITY**

This antibody recognizes human prostein (55 kD).

### **APPLICATIONS**

*Immunoblotting:* use at 1:500-1:1,000 dilution.

*ELISA:* use at 1:1,000-1:5,000 dilution.

### **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.

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