

## Anti-BRCAA1 Antibody

### ORDERING INFORMATION

**Catalog No.:** 34022

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

### BACKGROUND

The novel peptide sequence SSKKQKRSHK within BRCAA1 protein was mapped to the cytoplasm of MCF-7 cells. Immunohistochemical analysis demonstrated that this sequence was expressed in 65% of breast tumors. Its expression may be useful in diagnosis and prognosis of breast cancer.

### BACKGROUND REFERENCE

Cui, D et al. (2004) Cancer Epidemiol Biomarkers Pres 13: 1136-45.

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

### SPECIFICATION SUMMARY

**Immunogen:** Synthetic peptide corresponding to amino acids 1046-1055 (SSKKQKRSHK) of human BRCAA1 conjugated to KLH.

**Host Species:** Rabbit

**Stabilizers:** None

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

### SPECIFICITY

This antibody recognizes human, mouse, and rat BRCAA1.

### APPLICATIONS

*Immunoblotting* : use at 1:500-1:1,000 dilution. A band of approximately 136 kDa is detected.

Positive control: MCF-7 human breast cancer cell 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.