

Catalog Number:	NB100-229SS
Background:	BRCA 1 contains at least two nuclear localization signals and is proposed to be a tumor suppressor protein. It is a serine phosphoprotein that undergoes hyperphosphorylation during late G1 and S phases of the cell cycle and is transiently dephosphorylated early after M phase. BRCA 1 protein alters in a qualitative and quantitative manner during cell cycle progression. The amount of BRCA protein is highest during S phase and remains elevated toward G2 / M, before it declines in early G1 phase. Inherited loss of BRCA 1 function confers an increased susceptibility for both breast and ovarian cancer.
Alternate Names:	anti-Breast Cancer 1 antibody, anti-Breast cancer 1 early onset antibody, anti-Breast cancer type 1 susceptibility protein antibody, anti-Breast Ovarian Cancer Susceptibility antibody, anti-Papillary serous carcinoma of the peritoneum antibody, anti-PSCP antibody, anti-RNF53 antibody
Research Areas:	8,50,60,348,0
Immunogen:	A phosphorylated synthetic peptide which represents a portion of human Breast Cancer Gene 1 (LocusLink ID 672) around serine 1189.
Specificity:	Reacts with BRCA1.
Phosphorylated:	Ser1189
Species Reactivity:	Reacts with Human.
Uses:	Western Blot * Other applications have not been tested.
Dilutions:	Suggested working dilutions * Western Blot 1:2000-1:15000 * Investigator should determine optimal working dilutions.
Packaging:	0.025 ml Immunogen affinity purified Rabbit antisera.
Preservative:	0.09% Sodium Azide
Storage:	Store at 4C. Do not freeze.
Gene Id:	672
Image(s)	