



## BRCA2 (phospho Ser3291) Polyclonal Antibody

Cat No: HR1AP8400

For research use only

### Overview

Product Name	BRCA2 (phospho Ser3291) Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	385kDa
GenelD?Human?	BRCA2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	BRCA2; FACD; FANCD1; Breast cancer type 2 susceptibility protein; Fanconi anemia group D1 protein
Background	BRCA2, DNA repair associated(BRCA2) Homo sapiens Inherited mutations in BRCA1 and this gene, BRCA2, confer increased lifetime risk of developing breast or ovarian cancer. Both BRCA1 and BRCA2 are involved in maintenance of genome stability, specifically the homologous recombination pathway for double-strand DNA repair. The BRCA2 protein contains several copies of a 70 aa motif called the BRC motif, and these motifs mediate binding to the RAD51 recombinase which functions in DNA repair. BRCA2 is considered a tumor suppressor gene, as tumors with BRCA2 mutations generally exhibit loss of heterozygosity (LOH) of the wild-type allele. [provided by RefSeq, Dec 2008],