# antibodies -online.com







**Images** 



( )	ve	K\ /		A .
	$\cup$	1 V/	Щ.	V۷

Quantity:	200 μL
Target:	BRCA2
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

#### **Product Details**

Immunogen:	Recombinant Human Breast cancer type 2 susceptibility protein	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Antigen Affinity Purification	

## **Target Details**

Target:	BRCA2
Alternative Name:	BRCA2 (BRCA2 Products)
Background:	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

## **Target Details**

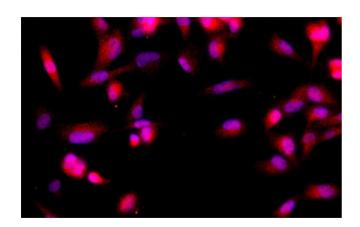
	mediate binding to the RAD51 recombinase which functions in DNA repair. BRCA2 is considered a tumor suppressor gene, as tumors with BRCA2 mutations generally exhibit loss of heterozygosity (LOH) of the wild-type allele.
Molecular Weight:	Observed_MW: 384 kDa Calculated_MW: 384 kDa
UniProt:	P51587
Pathways:	DNA Damage Repair, M Phase, Maintenance of Protein Location

## **Application Details**

Application Notes:	WB 1:1000-1:3000 IHC 1:100-1:200 IF 1:100-1:400
Restrictions:	For Research Use only

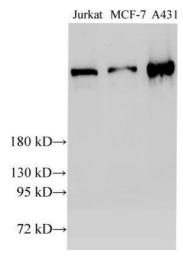
# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.05 % Proclin300 and 50 % glycerol, pH 7.4.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



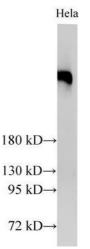
#### **Immunofluorescence**

**Image 1.** Immunofluorescence analysis of U-251MG cells using BRCA2 Polyclonal Antibody at dilution of 1:100



#### **Western Blotting**

**Image 2.** Western Blot analysis of Jurkat, MCF-7 and A431 cells using BRCA2 Polyclonal Antibody at dilution of 1:2000



#### **Western Blotting**

**Image 3.** Western Blot analysis of Hela cells using BRCA2 Polyclonal Antibody at dilution of 1:2000

Please check the product details page for more images. Overall 7 images are available for ABIN7234156.