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# anti-BRCA2 antibody (N-Term)

2 Images



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Overview	
Quantity:	100 μL
Target:	BRCA2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BRCA2.
Specificity:	Recognizes endogenous levels of BRCA2 protein.
Characteristics:	Rabbit polyclonal antibody to BRCA2
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	BRCA2
Alternative Name:	BRCA2 (BRCA2 Products)
Background:	FACD, FANCD1, Breast cancer type 2 susceptibility protein, Fanconi anemia group D1 protein

#### **Target Details**

Gene ID:	675
UniProt:	P51587, O35923
Pathways:	DNA Damage Repair, M Phase, Maintenance of Protein Location

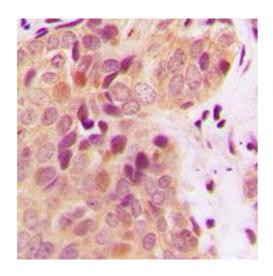
# **Application Details**

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

# Handling

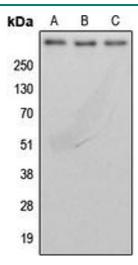
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

#### **Images**



# **Immunohistochemistry**

Image 1. Immunohistochemical analysis of BRCA2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### **Western Blotting**

Image 2. Western blot analysis of BRCA2 expression in MDAMB231 (A), MCF7 (B), rat lung (C) whole cell lysates.