Datasheet for ABIN2017604

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anti-BRCA2 antibody (AA 2480-2530)



Overview

Quantity:	100 µg
Target:	BRCA2
Binding Specificity:	AA 2480-2530
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal

Product Details

Immunogen:	KLH-coupled synthetic peptide within residues 2480-2530 of human BRCA2
Isotype:	lgG
Specificity:	BRCA2 Antibody detects endogenous levels of human and mouse BRCA2.
Cross-Reactivity:	Mouse (Murine)
Characteristics:	BRCA2 Antibody is developed in rabbit using a KLH-coupled synthetic peptide within residues 2480-2530 of human BRCA2 (Swiss Prot: P51587).
Purification:	Immunoaffinity chromatography.

Target Details

Target:	BRCA2
Alternative Name:	BRCA2 (BRCA2 Products)
Background:	Breast cancer type 2 susceptibility protein (BRCA2) is involved in double-strand break repair

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Target Details

	and/or homologous recombination. It may participate in S phase checkpoint activation. In
	addition, It interacts with RAD51 and DSS1 and binds to ubiquitinated FANCD2. It also interacts
	with PALB2, enabling the recombinational repair and checkpoints functions. Defects in BRCA2
	can cause genetic susceptibility to breast cancer (BC), also called susceptibility to familial
	breast-ovarian cancer type 2 (BROVCA2).
Molecular Weight:	Predicted Band Size: 390 KD
	Observed Band Size: 390 KD
UniProt:	P51587
Pathways:	DNA Damage Repair, M Phase, Maintenance of Protein Location

Application Details

Comment:	Positive Control: HEK293 and Mouse brain
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/mL.
Concentration:	0.5 mg/mL
Buffer:	Lyophilized with PBS, pH 7.4, containing 0.02 % 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.
Handling Advice:	Avoid repeated freezing and thawing cycles.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below

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