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Datasheet for ABIN2788976 anti-BRCC3 antibody (C-Term)

2 Images



Overview

Quantity:	100 µL
Target:	BRCC3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Pig, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Sequence:	HNGSVFTKNL CSQMSAVSGP LLQWLEDRLE QNQQHLQELQ QEKEELMQEL
Predicted Reactivity:	Cow: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against BRCC3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BRCC3
Alternative Name:	BRCC3 (BRCC3 Products)
Background:	This gene encodes a subunit of the BRCA1-BRCA2-containing complex (BRCC), which is an E3

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	ubiquitin ligase. This complex plays a role in the DNA damage response, where it is responsible
	for the stable accumulation of BRCA1 at DNA break sites. The component encoded by this
	gene can specifically cleave Lys 63-linked polyubiquitin chains, and it regulates the abundance
	of these polyubiquitin chains in chromatin. The loss of this gene results in abnormal
	angiogenesis and is associated with syndromic moyamoya, a cerebrovascular angiopathy.
	Alias Symbols: BRCC36, C6.1A, CXorf53, RP11-143H17.2
	Protein Interaction Partner: FAM175B, UBC, FANCG, UIMC1, SUMO1, RABEP2, SMEK1, LARP7,
	CD2AP, WDHD1, SF3A1, GPHN, HNRNPR, TRIM28, HUWE1, MTA2, SPAG9, CCDC6, HDAC1,
	NR3C1, FAM175A, SUMO2, PAXIP1, MDC1, BRCA1, GRB2, BABAM1, BRE, BRCC3, COPS5,
	BACH1, BRCA2, BARD1, USP7, SHMT2, NDUFA10, M
	Protein Size: 316
Molecular Weight:	35 kDa
Gene ID:	79184
NCBI Accession:	NM_024332, NP_077308
UniProt:	P46736
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 316 AA
Restrictions:	For Research Use only

Handling

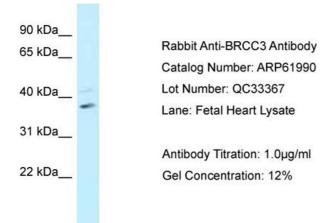
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

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Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

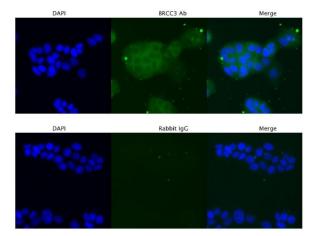
Images



Western Blotting

Image 1.

BRCC3 in MCF7 Cells



Immunofluorescence

Image 2. Sample Type: MCF7 Primary Antibody Dilution: 4 μg/mL Secondary Antibody: Anti-rabbit Alexa 546 Secondary Antibody Dilution: μg/mL Gene Name: BRCC3

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