For Research Use Only

BRIP1(C-terminal) Polyclonal antibody

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Catalog Number:20983-1-AP

Basic Information

Catalog Number:
20983-1-AP

Size:
150ul , Concentration: 900 µg/ml by Nanodrop and 727 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_032043

GeneID (NCBI):
83990

Full Name:
BRCA1 interacting protein C-terminal helicase 1

Calculated MW:
141 kDa

Observed MW:
140-150 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HeLa cells,

Background Information

BRIP1, also named as BACH1 and FANCJ, belongs to the DEAD box helicase family and DEAH subfamily. It is a DNA-dependent ATPase and 5' to 3' DNA helicase required for the maintenance of chromosomal stability. It is involved in the repair of DNA double-strand breaks by homologous recombination in a manner that depends on its association with BRCA1. Defects in BRIP1 are a cause of susceptibility to breast cancer (BC). Defects in BRIP1 are the cause of Fanconi anemia complementation group J (FANCJ). The antibody is specific to BRIP1.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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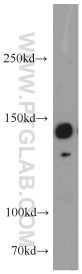
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 20983-1-AP (BRIP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.