

Datasheet for ABIN2857051  
**anti-BRIP1 antibody (N-Term)**

## 3 Images

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## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | BRIP1  |
| Binding Specificity: | N-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This BRIP1 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC) |

## Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant protein encompassing a sequence within the N-terminus region of human FANCI. The exact sequence is proprietary. |
| Isotype:         | IgG   |
| Characteristics: | Rabbit Polyclonal antibody to FANCI (BRCA1 interacting protein C-terminal helicase 1) FANCI antibody [N1N2], N-term         |
| Purification:    | Purified by antigen-affinity chromatography.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | BRIP1                                    |
| Alternative Name: | FANCI ( <a href="#">BRIP1 Products</a> ) |

## Target Details

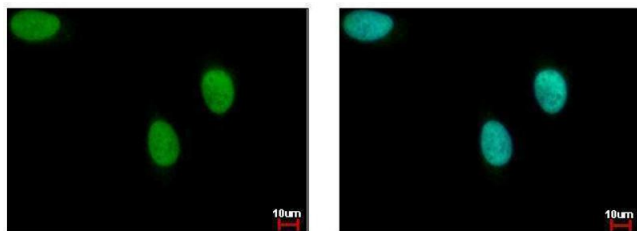
|                   |   |
|-------------------|---|
| Background:       | The protein encoded by this gene is a member of the RecQ DEAH helicase family and interacts with the BRCT repeats of breast cancer, type 1 (BRCA1). The bound complex is important in the normal double-strand break repair function of breast cancer, type 1 (BRCA1). This gene may be a target of germline cancer-inducing mutations.<br><br>Cellular Localization: Nucleus |
| Molecular Weight: | 141 kDa   |
| Gene ID:          | 83990   |
| Pathways:         | <a href="#">DNA Damage Repair</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000* |
| Comment:           | Positive Control: HeLa  |
| Restrictions:      | For Research Use only   |

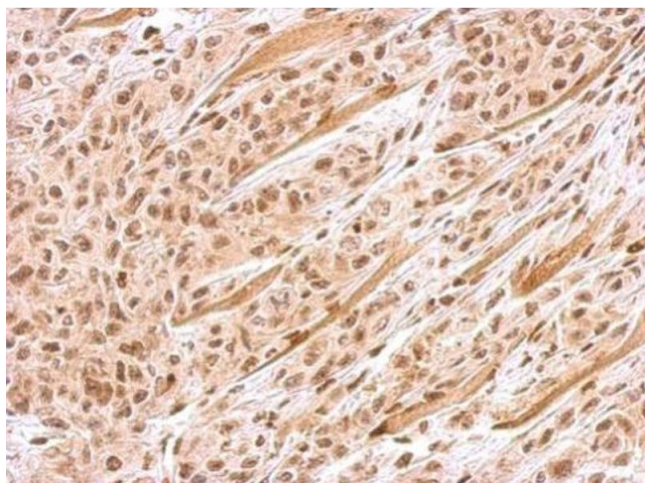
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | 1XPBS, 1 % BSA, 20 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.  |
| Preservative:      | Thimerosal (Merthiolate)   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.                             |



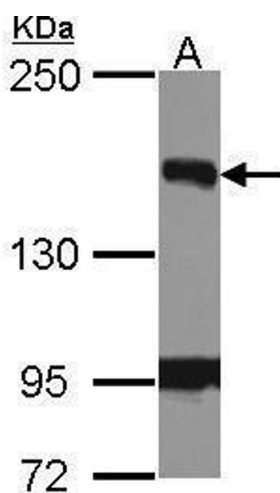
### Immunofluorescence

**Image 1.** ICC/IF Image FANCJ antibody [N1N2], N-term detects BRIP1 protein at cytoplasm by immunofluorescent analysis. Sample: 293T cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min. *Green: BRIP1 protein stained by FANCJ antibody [N1N2], N-term, diluted at 1:500. Blue: Hoechst 33343 staining.*



### Immunohistochemistry

**Image 2.** IHC-P Image FANCJ antibody [N1N2], N-term detects BRIP1 protein at nucleus on SAS xenograft by immunohistochemical analysis. Sample: Paraffin-embedded SAS xenograft. FANCJ antibody [N1N2], N-term, dilution: 1:500.



### Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: HeLa 5% SDS PAGE FANCJ antibody antibody diluted at 1:1000