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## Datasheet for ABIN753721 anti-BRIP1 antibody (Cy3)

### Overview

Quantity:	100 µg
Target:	BRIP1
Reactivity:	Human, Mouse, Rat, Chicken, Cow, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRIP1 antibody is conjugated to Cy3
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	Polyclonal antibodies are produced by immunizing animals with synthetic peptide derived from human BACH1 Please inquire for sequence information.
Isotype:	IgG
Specificity:	Excitation / Emission Wavelengths: 550nm/570nm
Purification:	Antibodies are purified by protein A and peptide affinity chromatography.

### Target Details

Target:	BRIP1
Alternative Name:	BACH1/BRIP1 ( <a href="#">BRIP1 Products</a> )
Background:	BACH1 is a member of the DEAH helicase family that interacts with BRCA1 in vivo. BACH1 is a DNA-dependent ATPase and 5' to 3' DNA helicase required for the maintenance of

## Target Details

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chromosomal stability. BACH1 acts late in the Fanconi anemia pathway after FANCD2 ubiquitination and is involved in the repair of DNA double-strand breaks by homologous recombination in a manner that depends on its association with BRCA1. The BACH1/BRCA1 complex formation contributes to a key function of BRCA1. Therefore it is likely that BACH1 is a target of germline cancer-inducing mutations.

Synonym: BACH 1, BRIP1, BACH-1, BRAC 1 Associated C Terminal Helicase 1, BRCA 1 Interacting Protein 1, BRCA1 binding helicase like protein BACH1, BRCA1 interacting protein C terminal helicase 1, BRIP 1, BRIP-1, FANCI, ATP dependent RNA helicase BRIP1, Fanconi anemia group J protein, FLJ90232, MGC126521, MGC126523, OF antibody Protein FACJ.

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Molecular Weight: 130kDa

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Gene ID: 571

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Pathways: [DNA Damage Repair](#)

## Application Details

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Application Notes: IF(IHC-P)(1:100-500)  
Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1mg/1ml

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Buffer: 0.01M PBS, pH 7.4 with 10 mg/ml BSA

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Preservative: Sodium azide

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Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C