Datasheet for ABIN884391

anti-BRIP1 antibody (Alexa Fluor 350)

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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 Alexa Fluor 350
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: 343nm/442nm
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Rabbit, Cow (Bovine), Pig (Porcine), Horse (Equine), Dog (Canine), Chicken
Purification:	Antibodies are purified by protein A and peptide affinity chromatography.

Target Details

Target:	BRIP1
Alternative Name:	BACH1/BRIP1 (BRIP1 Products)

Target Details

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 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, FANCJ, ATP dependent RNA helicase BRIP1, Fanconi anemia group J protein, FLJ90232, MGC126521, MGC126523, OF antibody Protein FACJ.
Molecular Weight:	130kDa
Gene ID:	571
Pathways:	DNA Damage Repair

Application Details

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

Handling

Format:	Liquid
Buffer:	Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % 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.
Storage:	-20 °C