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Datasheet for ABIN7152557 anti-FANCI antibody (AA 180-252)

Image



Overview

Quantity:	100 µg
Target:	FANCI
Binding Specificity:	AA 180-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCI antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Fanconi anemia group I protein (180-252AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

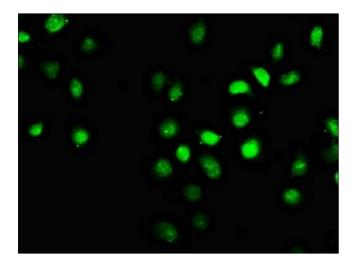
Target Details

Target:	FANCI
Alternative Name:	FANCI (FANCI Products)
Background:	Background: Plays an essential role in the repair of DNA double-strand breaks by homologous
	recombination and in the repair of interstrand DNA cross-links (ICLs) by promoting FANCD2

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Target Details

	monoubiquitination by FANCL and participating in recruitment to DNA repair sites. Required for
	maintenance of chromosomal stability. Specifically binds branched DNA: binds both single-
	stranded DNA (ssDNA) and double-stranded DNA (dsDNA). Participates in S phase and G2
	phase checkpoint activation upon DNA damage.
	Aliases: FANCI antibody, FANCI gene antibody, FANCI_HUMAN antibody, Fanconi anemia group
	I protein antibody, Fanconi anemia, complementation group I antibody, FLJ10719 antibody,
	FLJ14658 antibody, KIAA1794 antibody, Protein FACI antibody, Protein FANCI antibody
UniProt:	Q9NVI1
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	Recommended dilution: IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7152557 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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