Datasheet for ABIN7152558

anti-FANCI antibody (AA 180-252) (Biotin)

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Overview

Quantity:	100 µg
Target:	FANCI
Binding Specificity:	AA 180-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCI antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Fanconi anemia group I protein (180-252AA)
Isotype:	IgG
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

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:	Optimal working dilution should be determined by the investigator.
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.