

FANCI Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_060663.2
Catalog No. A301-254A	Uniprot ID	Q9NVI1
Lot No. A301-254A-4	GeneID	55215

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to FANCI immobilized on solid support.

The epitope recognized by A301-254A maps to a region between residue 1025 and 1075 of human Fanconi anemia, complementation group I using the numbering given in entry NP_060663.2 (GeneID 55215).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

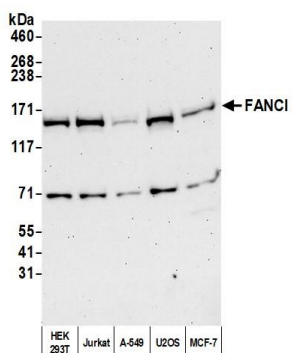
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

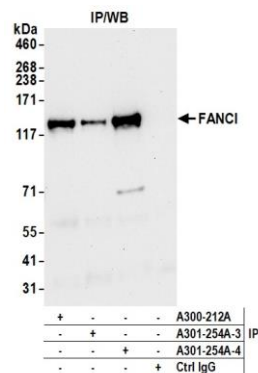
ADDITIONAL INFO <https://www.fortislife.com/p/A301-254A>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 7, 2023



Detection of human FANCI by western blot. *Samples:* Whole cell lysate (25 µg) from HEK293T, Jurkat, A-549, U2OS, and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-FANCI antibody (A301-254A lot 4) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human FANCI by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-FANCI antibody (A301-254A lot 4) used for IP at 6 µg per reaction. FANCI was also immunoprecipitated by a previous lot of this antibody (A301-254A lot 3) and a second antibody against a different epitope of FANCI (A300-212A). For blotting immunoprecipitated FANCI, A301-254A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.