



## Fanconi anemia C (FANCC, FLJ14675, FAC, FACC)

### Catalog number

F0019-58V7

### Supplier

United States Biological

FANCC is a DNA repair protein that may operate in postreplication repair or a cell cycle checkpoint function. It may be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Hsp70 requires the cooperation of FANCC to suppress PKR activity and support survival of haematopoietic cells and FANCC does not require the multimeric Fanconi anemia complex to exert this function.

### Cellular Localization

The major form is nuclear. The minor form is cytoplasmic.

### Applications

Suitable for use in Western Blot. Other applications not tested.

### Recommended Dilution

Optimal dilutions to be determined by the researcher.

### Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### Immunogen

A C-Terminal peptide within residues 450-558 of 558. Homology: 100% homology with human protein.

92% homology with rat and mouse proteins.

81% homology with bovine protein.

### Formulation

As reported

### Purity

Whole antisera

### Specificity

Species Crossreactivity: This antibody reacts with the human protein.

### Product Type

Pab

### Source



human

**Isotype**

IgG

**Applications**

WB

**Crossreactivity**

Hu

**Storage**

-20°C

**Reference**

1. Freie, BW, et al. A Role for the Fanconi Anemia C Protein in Maintaining the DNA Damage-induced G(sub 2) Checkpoint. JBC. 279 (49): 50986-50993 (2004).