

For Research Use Only

# FANCA Polyclonal antibody

Catalog Number: 11975-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

11975-1-AP

### Size:

600 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2598

### GenBank Accession Number:

BC008979

### GeneID (NCBI):

2175

### UNIPROT ID:

O15360

### Full Name:

Fanconi anemia, complementation group A

### Calculated MW:

163 kDa

### Observed MW:

163 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:5000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : COLO 320 cells, HeLa cells

IHC : human colon cancer tissue, human cervical cancer tissue, human stomach cancer tissue, mouse intestine, mouse thymus tissue, rat small intestine tissue, rat testis tissue

## Background Information

FANCA, also named as FAA, FACA and FANCH, is a DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. It's involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability.

## Notable Publications

Author	Pubmed ID	Journal	Application
Amanpreet Kaur	33660437	EMBO Mol Med	WB
Xinlin Xu	34117478	Nat Struct Mol Biol	WB
Yu Feng	29621589	Gene	IHC,IF,IP

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

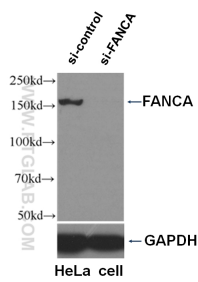
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

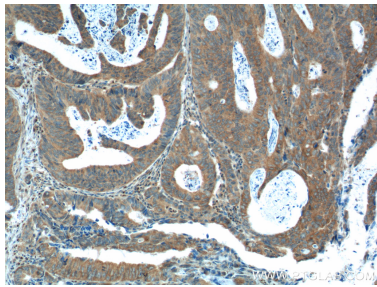
W: [ptgcn.com](http://ptgcn.com)

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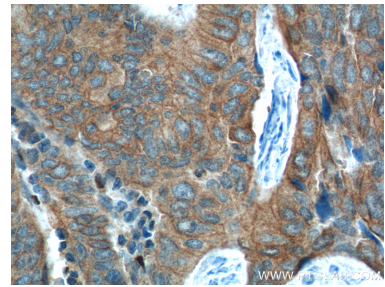
Selected Validation Data



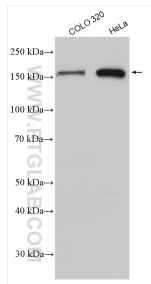
WB results of FANCA (11975-1-AP, 1:500) with si-control and si-FANCA transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11975-1-AP (FANCA Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11975-1-AP (FANCA Antibody) at dilution of 1:100 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 11975-1-AP (FANCA antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.