

For Research Use Only

# FANCF Polyclonal antibody

Catalog Number: 18060-1-AP



## Basic Information

### Catalog Number:

18060-1-AP

### Size:

150ul , Concentration: 650 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12649

### GenBank Accession Number:

BC093867

### GeneID (NCBI):

2188

### UNIPROT ID:

Q9NPI8

### Full Name:

Fanconi anemia, complementation group F

### Calculated MW:

374 aa, 42 kDa

### Observed MW:

36 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

IP, ELISA

### Species Specificity:

human

### Positive Controls:

IP : HeLa cells,

## Background Information

The Fanconi anemia complement group F (FANCF) is located on chromosome 11p15, a region enriched in cancer-associated genes. FANCF is known to be involved in DNA repair, and the overexpression of FANCF protein leads to cell proliferation and ultimately to cancer. The epigenetic silencing of FANCF has been reported in several different tumors such as ovaries, bladder, cervical, leukemic, testicular, lung, and oral tumors (PMID: 21915857, 32915143).

## 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

\*\*\* 20ul sizes contain 0.1% BSA

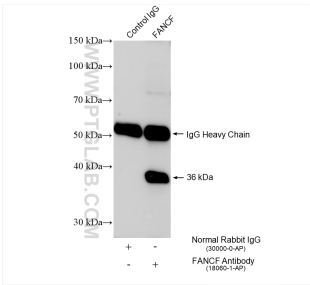
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## Selected Validation Data



IP result of anti-FANCF (IP:18060-1-AP, 4ug;  
Detection:18060-1-AP 1:400) with HeLa cells lysate  
1600 ug.