

For Research Use Only

# FANCG Polyclonal antibody, PBS Only

Catalog Number: 10215-1-PBS



## Basic Information

### Catalog Number:

10215-1-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0249

### GenBank Accession Number:

BC000032

### GeneID (NCBI):

2189

### UNIPROT ID:

O15287

### Full Name:

Fanconi anemia, complementation group G

### Calculated MW:

69 kDa

### Observed MW:

65-68 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

### Species Specificity:

human, mouse, rat

## Background Information

FANCG, also named as XRCC9, is a vDNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. It's a candidate tumor suppressor gene. FANCA and FANCG are critical for the localization of the FANC core complex. FANCA and FANCG form a stable complex with a molecular weight of 500 kDa that is predicted to be a heterotetramer (PMID: 32002546).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS Only

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

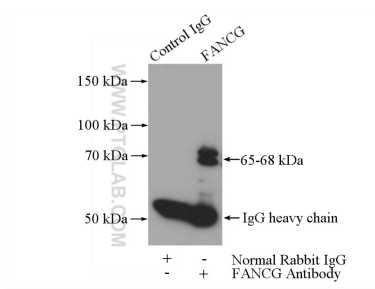
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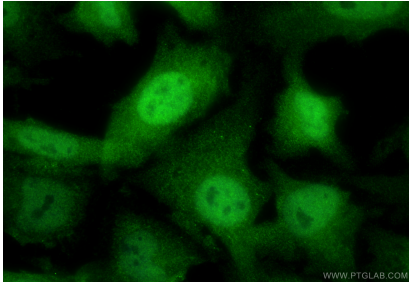
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 10215-1-AP (FANCG antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10215-1-PBS in a different storage buffer formulation.



IP result of anti-FANCG (IP:10215-1-AP, 4ug; Detection:10215-1-AP 1:300) with mouse testis tissue lysate 4000ug. This data was developed using the same antibody clone with 10215-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FANCG antibody (10215-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 10215-1-PBS in a different storage buffer formulation.