

FANCC Polyclonal Antibody

Catalog Number PA5-21315

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 305 of FANCC (Uniprot ID#Q00597)	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	0.99 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, HeLa, HepG2, NIH-3T3. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

The Fanconi anemia complementation group (FANCA) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group C.

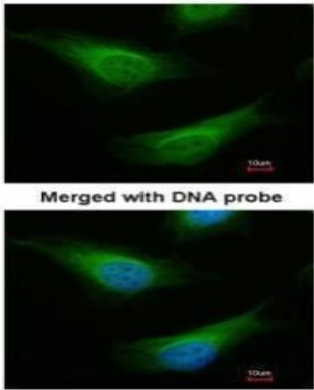
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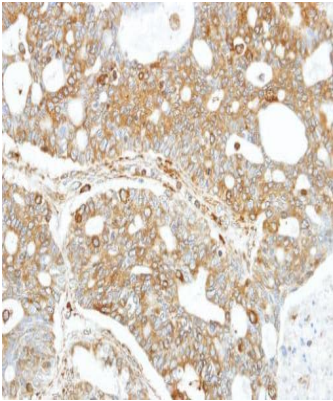
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Product Images For FANCC Polyclonal Antibody



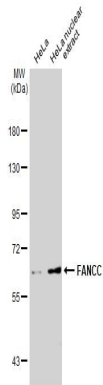
FANCC Antibody (PA5-21315) in ICC/IF

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using FANCC antibody (Product # PA5-21315) at 1:200 dilution.



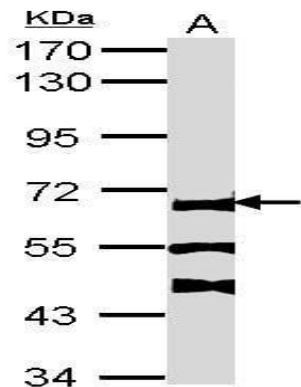
FANCC Antibody (PA5-21315) in IHC (P)

Immunohistochemical analysis of paraffin-embedded OVCA xenograft, using FANCC (Product # PA5-21315) antibody at 1:100 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



FANCC Antibody (PA5-21315) in WB

Western Blot using FANCC Polyclonal Antibody (Product # PA5-21315). HeLa whole cell and nuclear extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FANCC Polyclonal Antibody (Product # PA5-21315) diluted at 1:20,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



FANCC Antibody (PA5-21315) in WB

Western Blot using FANCC Polyclonal Antibody (Product # PA5-21315). Sample (30 µg of whole cell lysate). A: NIH-3T3. 7.5% SDS PAGE. FANCC Polyclonal Antibody. FANCC Polyclonal Antibody (Product # PA5-21315) diluted at 1:1,000.

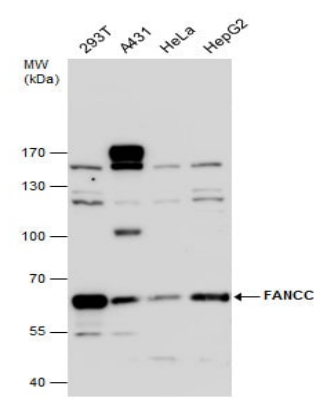
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FANCC Antibody (PA5-21315) in WB

FANCC Polyclonal Antibody detects FANCC protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 7.5 % SDS-PAGE, and blotted with FANCC Polyclonal Antibody (Product # PA5-21315) diluted by 1:1,000.



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