

Rabbit anti-Human FANCC Polyclonal Antibody | anti-FANCC antibody

FANCC Antibody (C-term)

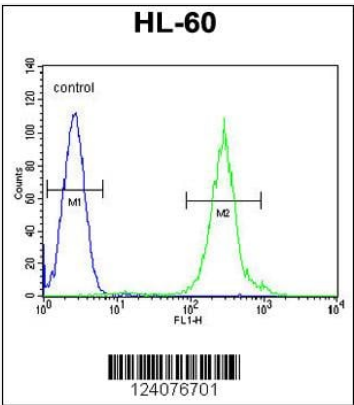
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285474	Rabbit	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

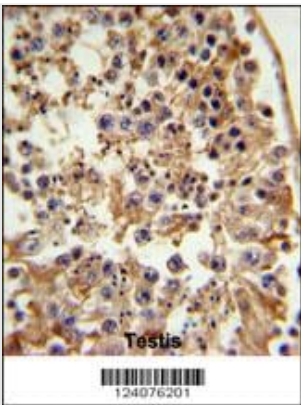
FANCC; Polyclonal Antibody; FANCC Antibody (C-term); Fanconi anemia group C protein; Protein FACC; FAC; FACC; anti-FANCC antibody

PRODUCT SPECIFICATIONS

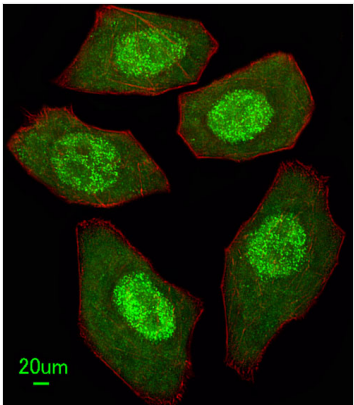
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FANCC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 527-555 amino acids from the C-terminal region of human FANCC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	527-555
Sequence Length	558
Applicable Applications for anti-FANCC antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



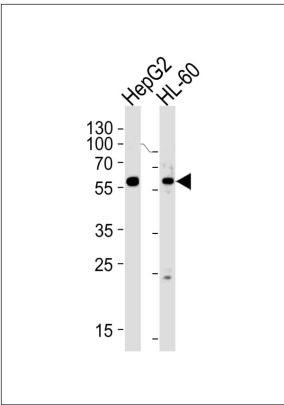
FCM/FACS (Flow Cytometry)
FANCC Antibody (C-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
FANCC Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FANCC Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)
Immunofluorescent analysis of U251 cells, using FANCC Antibody (C-term). AAA285474 was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
Western blot analysis of lysates from HepG2, HL-60 cell line (from left to right), using FANCC Antibody (C-term). AAA285474 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-FANCC antibody	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (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 protein is for complementation group C.
Product Categories/Family for anti-FANCC antibody	Crown Antibodies
References	Barroso, E., et al. Breast Cancer Res. Treat. 118(3):655-660(2009) McWilliams, R.R., et al. Cancer Epidemiol. Biomarkers Prev. 18(9):2549-2552(2009) Michiels, S., et al. Carcinogenesis 30(5):763-768(2009) Palmieri, R.T., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3567-3572(2008) Sinha, S., et al. Mol. Cancer 7, 84 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	56118236
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NCBI GeneID	2176
NCBI Accession #	NP_000127.2; NP_001230672.1
NCBI GenBank Nucleotide #	NM_000136.2
UniProt Accession #	Q00597; B1ALR8
Molecular Weight	63429
NCBI Official Full Name	Fanconi anemia group C protein isoform a
NCBI Official Synonym Full Names	Fanconi anemia, complementation group C
NCBI Official Symbol	FANCC
NCBI Official Synonym Symbols	FA3; FAC; FACC
NCBI Protein Information	Fanconi anemia group C protein
UniProt Protein Name	Fanconi anemia group C protein
UniProt Gene Name	FANCC
UniProt Synonym Gene Names	FAC; FACC; Protein FACC
UniProt Entry Name	FANCC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fancc-antibody-western-blot-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/285474>