

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

FANCC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326397	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

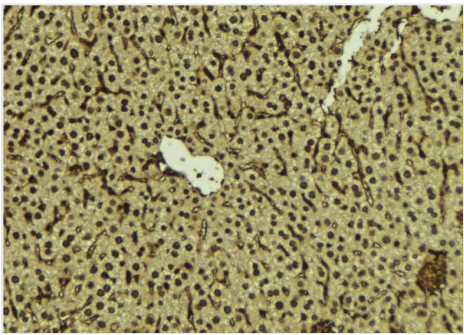
PRODUCT SYNONYMS

FANCC; Polyclonal Antibody; FANCC Antibody; bA80I15.1; FA 3; FA3; FAC; FACC; FANCC_HUMAN; Fanconi anemia complementation group C; Fanconi anemia complementation group C protein; Fanconi anemia group C protein; Fanconi pancytopenia type 3; FLJ14675; Protein FACC; anti-FANCC antibody

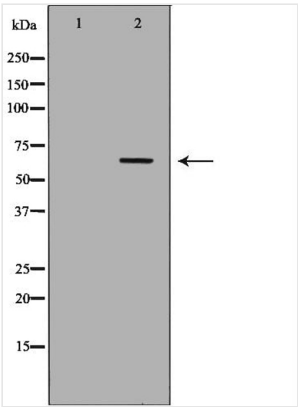
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	FANCC antibody detects endogenous levels of total FANCC
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	558
Applicable Applications for anti-FANCC antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FANCC
Subcellular Location	Nucleus. Cytoplasm. The major form is nuclear. The minor form is cytoplasmic.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Horse, Rabbit, Dog
Similarity	Horse (92%), Rabbit (92%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326397 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using FANCC Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FANCC antibody	Description: The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, 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. [provided by RefSeq, Jul 2008] Function: DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Upon IFNG induction, may facilitate STAT1 activation by recruiting STAT1 to IFNGR1. Subunit Structure: Belongs to the multisubunit FA complex composed of FANCA, FANCB, FANCC, FANCE, FANCF, FANCG, FANCL/PHF9 and FANCM. This complex may also include HSP70. The complex is not found in FA patients. Interacts with ZBTB32. Upon IFNG induction, interacts with STAT1. Interacts with CDK1. Interacts with EIF2AK2; interaction between FA variants and EIF2AK2 may lead to augmented EIF2AK2 activation and cell death.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56118236
NCBI GeneID	2176
NCBI Accession #	NP_000127.2
NCBI GenBank Nucleotide #	NM_000136.2
UniProt Accession #	Q00597; B1ALR8
Molecular Weight	Observed: 63 kDa Predicted: 64 kDa
NCBI Official Full Name	Fanconi anemia group C protein isoform a
NCBI Official Synonym Full Names	FA 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

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-immunohistochemistry-western-blot-elisa/326397>