

Product datasheet for **TA319294**

FANCC Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:20,000 - 1:80,000, WB: 1:1,000 - 1:3,000
Reactivity:	Human, Chimpanzee
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 96-112 of Human FANCC.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Fanconi anemia complementation group C
Database Link:	NP_000127 Entrez Gene 2176 Human Q00597
Synonyms:	FA3; FAC; FACC

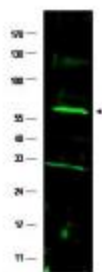


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Note: FANCC (also called Protein FACC or Fanconi Anemia Group C protein) is involved in DNA repair, perhaps specifically with post-replication repair or a cell cycle checkpoint function. FANCC may also be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. FANCC belongs to the multi-subunit Fanconi Anemia (FA) complex composed of FANCA, FANCB, FANCC, FANCE, FANCF, FANCG, FANCL/PHF9 and FANCM. FANCC is mainly found within the nucleus although some protein is localized in the cytoplasm. This protein is ubiquitously expressed. Defects in FANCC are a cause of Fanconi anemia (FA). FA is a genetically heterogeneous, autosomal recessive disorder characterized by progressive pancytopenia, a diverse assortment of congenital malformations, and

Protein Families: Druggable Genome

Product images:



WB using Anti-FANCC antibody shows detection of a band at ~63 kDa (arrowhead) corresponding to FANCC present in a HeLa whole cell lysate. The identity of the lower molecular weight band is unknown. The primary antibody was diluted to 1:1,500. IRDye™800 conjugated Gt-a-Rabbit IgG [H&L] was used at 1:10,000. Molecular weight estimation was made by comparison to prestained MW markers (indicated at left).