

Datasheet for ABIN129610
anti-FANCF antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FANCF
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCF antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an amino acid sequence of human FANCF.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee

Target Details

Target:	FANCF
Alternative Name:	FANCF (FANCF Products)
Background:	FANCF (also called Protein FACF or Fanconi Anemia Group F protein) is involved in DNA repair, perhaps specifically with post-replication repair or a cell cycle checkpoint function. FANCF has

Target Details

also been implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. FANCF belongs to the multi-subunit Fanconi Anemia (FA) complex composed of FANCA, FANCB, FANCC, FANCE, FANCF, FANCG, FANCL/PHF9 and FANCM. The complex is not found in FA patients. FANCF is found within the nucleus. Defects in FANCF are a cause of

Synonyms: FACF antibody, FAF antibody, Fanconi anemia complementation group F antibody, Fanconi anemia group F protein antibody, MGC126856 antibody, Protein FAF antibody

Gene ID: 2188, 23821547

UniProt: [Q9NPI8](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 42 kDa in size corresponding to FANCF by western blotting in the appropriate human tissue.

Restrictions: For Research Use only

Handling

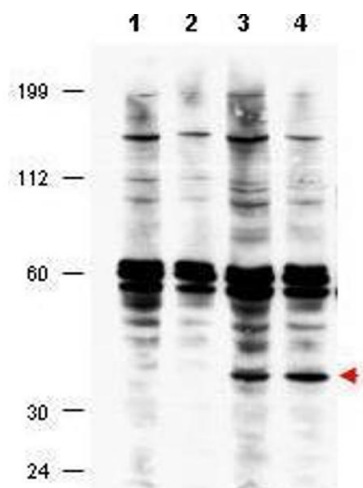
Format: Liquid

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C



Western Blotting

Image 1. Western blot using affinity purified anti-FANCF antibody shows detection of FANCF present in a lysate prepared from a Fanconi anemia complementation group F patient lymphoblast after retroviral correction using hFANCF cDNA (lanes 3 and 4). This band (indicated by arrowhead) is approximately 42.3 kDa in size. The band is not detected in FA-F a lymphoblast lysate that is not corrected for the deletion and does not express the FANCF protein (lanes 1 and 2). Lanes 2 and 4 represent lysates taken from lymphoblasts after 40 J/m² UV irradiation, whereas lanes 1 and 3 received no irradiation. No apparent difference was noted upon irradiation. The strong band at ~60kDa appears to be non-specific. Personal communication, N. Howlett, University of Rhode Island, Kingston, RI.