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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10140 - Goat Anti-FANCF (aa217-228) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FAF, Fanconi anemia, complementation group F, MGC126856, FANCF

Official Symbol: FANCF

Accession Number(s): NP_073562.1

Human GeneID(s): [2188](#)

Immunogen

Peptide with sequence C-RPQEELEPGIHK, from the internal region of the protein sequence according to NP_073562.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: In transfected HEK293 transiently expressing full-length Human FANCF (myc and DYKDDDDK tagged), a band of approx. 40kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration, 0.2-1µg/ml.

Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

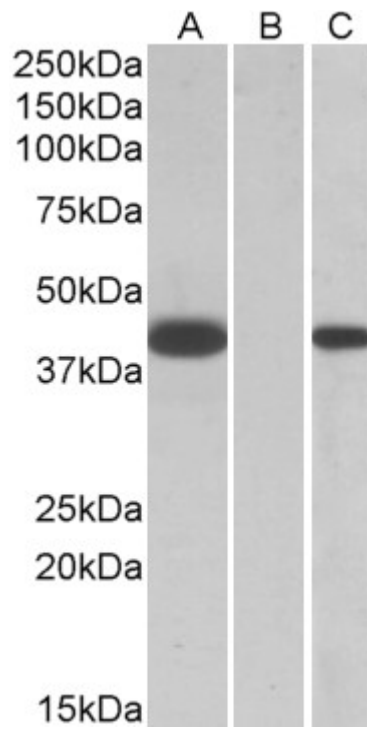
Specific Reference

This antibody has been successfully used in the following paper:

Mu-Yan Cai, Connor E. Dunn, Wenxu Chen, Bose S. Kochupurakkal, Huy Nguyen, Lisa A. Moreau, Geoffrey I. Shapiro, Kalindi Parmar, David Kozono, and Alan D. D'Andrea
Cooperation of the ATM and Fanconi Anemia/BRCA Pathways in Double-Strand Break End Resection.

Cell Rep. 2020 Feb 18; 30(7): 2402-2415.e5.

PMID: 32075772



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human FANCF with C-terminal MYC tag probed with EB10140 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10140 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.