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

EB06112 - Goat Anti-FANCF Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: FANCF

Accession Number(s): NP_073562

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

Immunogen

Peptide with sequence C-RQVLGLSAGLSSV, from the C Terminus of the protein sequence according to NP_073562.

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 1:32000.

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, 0.1-0.5µg/ml.

Species Reactivity

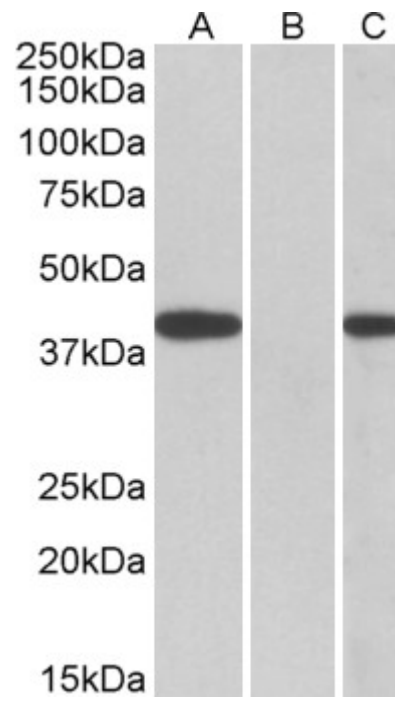
Tested: Human

Expected from sequence similarity: Human

Specific Reference

This antibody has been successfully used in the following paper:

Jia Zhou, Camille Gelot, Constantia Pantelidou, Adam Li, Hatice Yücel, Rachel E. Davis, Anniina Farkkila, Bose Kochupurakkal, Aleem Syed, Geoffrey I. Shapiro, John A. Tainer, Brian S. J. Blagg, Raphael Ceccaldi, and Alan D. D'Andrea
A first-in-class Polymerase Theta Inhibitor selectively targets Homologous-Recombination-Deficient Tumors.
Nat Cancer. 2021 Jun; 2(6): 598-610.
PMID: 34179826



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human FANCF with C-terminal MYC tag probed with EB06112 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB06112 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.