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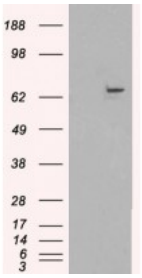
FANCG Antibody

CATALOG NUMBER: 45-567

Western blot (0.5 ug/ml) staining of HeLa cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing FANCG (RC202443) and probed with Western blot (mock transfection in first lane), tested by Origene.

Western blot (1 ug/ml) staining of Jurkat nuclear lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 70kDa band observed in lysates of cell line HeLa (calculated MW of 68.6kDa according to NP_004620.1). In transfected HEK293 transiently expressing FANCG a band of approx. 65kDa is observed. This band is not observed in the non-transf
POSITIVE CONTROL:	1) Cat. No. 1201 - HeLa Cell Lysate
IMMUNOGEN:	FANCG antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of FANCG.
HOST SPECIES:	Goat

Properties

PURIFICATION:	FANCG antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	FANCG antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	FANCG, Fanconi anemia, complementation group G, FAG, XRCC9, DNA repair protein XRCC9, X-ray repair, complementing defective, in Chinese hamster, 9, X-ray repair complementing defective repair in Chinese hamster cells 9
ACCESSION NO.:	NP_004620.1
PROTEIN GI NO.:	4759336
OFFICIAL SYMBOL:	FANCG

GENE ID:	2189

Background

REFERENCES:	1) Liu N, Lamerdin JE, Tucker JD, Zhou ZQ, Walter CA, Albala JS, Busch DB, Thompson LH. The human XRCC9 gene corrects chromosomal instability and mutagen sensitivities in CHO UV40 cells. Proc Natl Acad Sci USA. 1997 Aug 19;94(17):9232-7.

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