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Research Use Only. Not for diagnostic or therapeutic use.

EB06113 - Goat Anti-FANCG / XRCC9 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FANCG, XRCC9, Fanconi anemia, complementation group G, FAG, DNA repair protein XRCC9, X-ray repair, complementing defective, in Chinese hamster, 9,

X-ray repair complementing defective repair in Chinese hamster cells 9

Official Symbol: FANCG

Accession Number(s): NP_004620.1

Human GeneID(s): 2189

Immunogen

Peptide with sequence LEEFRTSLPKSCDL, from the C Terminus of the protein sequence according to NP_004620.1.

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 1:32000.

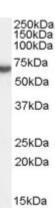
Western blot: Approx 70kDa band observed in lysates of cell line HeLa, and in nuclear lysates of cell line Jurkat (calculated MW of 68.6kDa according to NP_004620.1). In transfected HEK293 transiently expressing FANCG a band of approx. 65kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Uterus and Spleen. Recommended concentration: 3µg/ml.

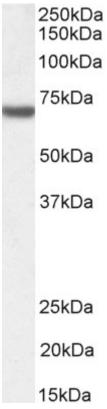
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

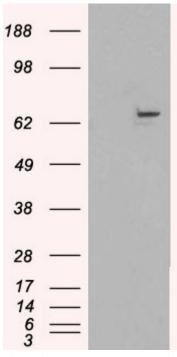


EB06113 (0.5 μ g/ml) staining of HeLa cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

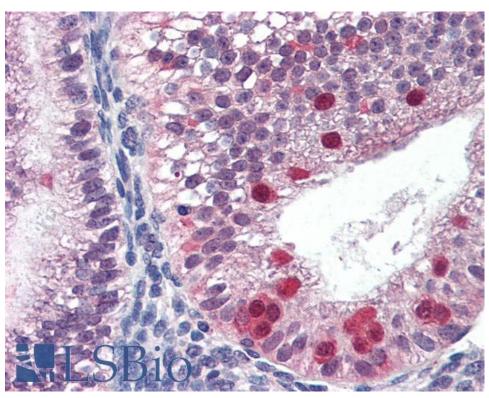


EB06113 (1μg/ml) staining of Jurkat nuclear lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

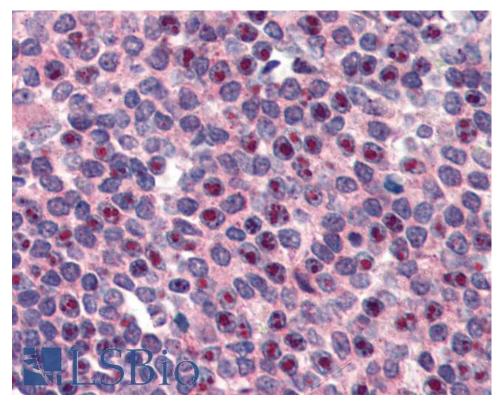
Detected by chemiluminescence.



HEK293 overexpressing FANCG (RC202443) and probed with EB06113 (mock transfection in first lane), tested by Origene.



EB06113 (3µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06113 (3µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.