

Datasheet for ABIN190919
anti-FANCG antibody (C-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	FANCG
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FANCG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FANCG / XRCC9
Immunogen:	Peptide with sequence LEEFRTSLPKSCDL, from the C Terminus of the protein sequence according to NP_004620.1.
Sequence:	LEEFRTSLPK SCDL
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FANCG
Alternative Name:	FANCG (FANCG Products)
Background:	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
Gene ID:	2189
NCBI Accession:	NP_004620
Pathways:	DNA Damage Repair

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Uterus and Spleen. Recommended concentration: 3 µg/mL.</p> <p>Western Blot: Approx 70 kDa band observed in lysates of cell line HeLa, and in nuclear lysates of cell line Jurkat (calculated MW of 68.6 kDa according to NP_004620.1). In transfected HEK293 transiently expressing FANCG a band of approx. 65 kDa is observed.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



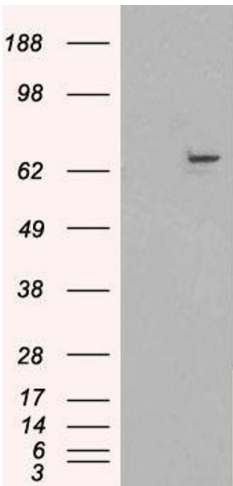
Western Blotting

Image 1. ABIN190919 (1µg/ml) staining of Jurkat nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 2. ABIN190919 (0.5µg/ml) staining of HeLa cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. HEK293 overexpressing FANCG (ABIN5348044) and probed with ABIN190919 (mock transfection in first lane).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN190919.