

Product Datasheet

FANCG Antibody NBP1-06035

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-06035

FANCG Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat FANCG Antibody (NBP1-06035) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-FANCG Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2189
Gene Symbol	FANCG
Species	Human
Immunogen	Peptide with sequence LEEFRTSLPKSCDL corresponding to C-Terminus according to NP_004620.1.

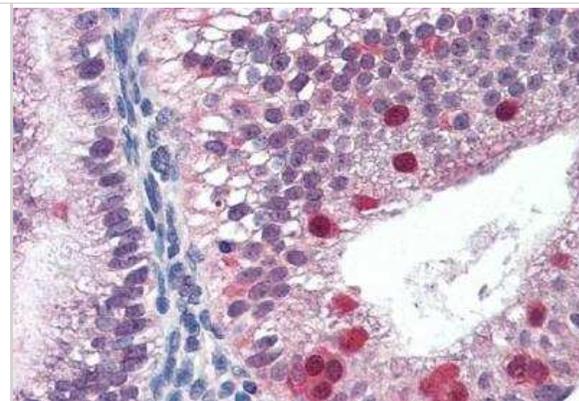
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 3 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 70 kDa band observed in HeLa lysates (calculated MW of 68.6 kDa band according to NP_004620.1). In transfected HEK293 transiently expressing FANCG a band of approx. 65 kDa is observed. This band is not observed in the non-transfected HEK293. IHC: Paraffin embedded Human Uterus and Spleen.

Images

Western Blot: FANCG Antibody [NBP1-06035] - Staining of Jurkat nuclear lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



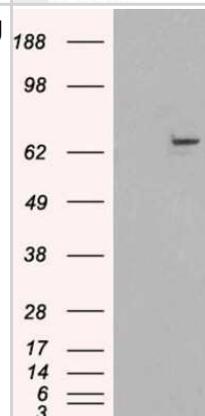
Immunohistochemistry-Paraffin: FANCG Antibody [NBP1-06035] - staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



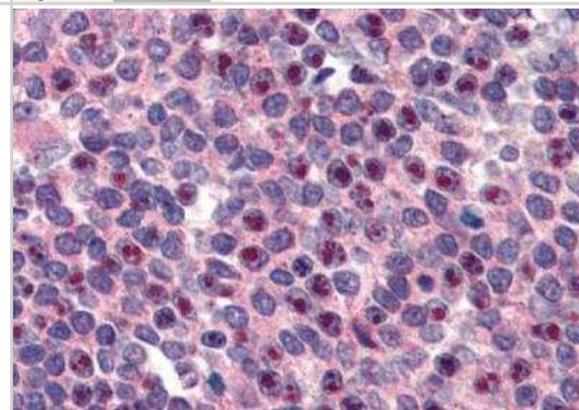
Western Blot: FANCG Antibody [NBP1-06035] - Analysis of FANCG using this antibody at 0.5 ug/ml in HeLa cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Western Blot: FANCG Antibody [NBP1-06035] - HEK293 overexpressing FANCG and probed with (mock transfection in first lane).



Immunohistochemistry-Paraffin: FANCG Antibody [NBP1-06035] - staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Liu N, Lamerdin JE, Tucker JD et al. The human XRCC9 gene corrects chromosomal instability and mutagen sensitivities in CHO UV40 cells. Proc Natl Acad Sci U S A 1997-08-19 [PMID: 9256465]

Tomida J, Itaya A, Shigechi T et al. A novel interplay between the Fanconi anemia core complex and ATR-ATRIP kinase during DNA cross-link repair. Nucleic Acids Res 2013-05-30 [PMID: 23723247] (WB, Human)



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Products Related to NBP1-06035

NBL1-10589	FANCG Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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