

Product Datasheet

FANCG Antibody - Azide and BSA Free NB100-2566

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 6

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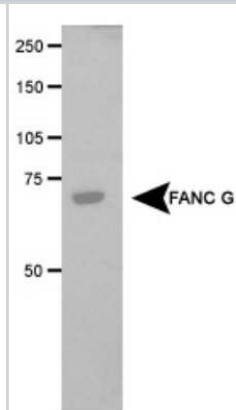
NB100-2566

FANCG Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera
Target Molecular Weight	69 kDa
Product Description	
Description	Novus Biologicals Rabbit FANCG Antibody - Azide and BSA Free (NB100-2566) is a polyclonal antibody validated for use in WB. Anti-FANCG Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2189
Gene Symbol	FANCG
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: mouse (88%).
Immunogen	A peptide corresponding to the C-terminus of human FANCG (within amino acids 550-622). [SwissProt# O15287]
Product Application Details	
Applications	Western Blot, Immunoblotting
Recommended Dilutions	Western Blot 1:1000, Immunoblotting reported in scientific literature (PMID 24910428)
Application Notes	In Western Blot, a band is seen at approximately 69 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: FANCG Antibody [NB100-2566] - Detection of FANCG in transfected COS1 cell lysate.



Publications

Jin L, Chun J, Pan C et al. MAST1 Drives Cisplatin Resistance in Human Cancers by Rewiring cRaf-Independent MEK Activation. *Cancer Cell*. 2018-07-09 [PMID: 30033091]

MY Cai, CE Dunn, W Chen, BS Kochupurak, H Nguyen, LA Moreau, GI Shapiro, K Parmar, D Kozono, AD D'Andrea. Cooperation of the ATM and Fanconi Anemia/BRCA Pathways in Double-Strand Break End Resection *Cell Rep*, 2020-02-18;30(7):2402-2415.e5. 2020-02-18 [PMID: 32075772]

Li N, Ding L, Li B et al. Functional Analysis of Fanconi Anemia Mutations in China. *Exp. Hematol*. 2018-07-18 [PMID: 30031030] (WB, Human)

Huang Y, Leung JW, Lowery M et al. Modularized functions of the Fanconi anemia core complex. *Cell Rep* 2014-06-26 [PMID: 24910428]

Wang Y, Leung JW, Jiang Y et al. FANCM and FAAP24 Maintain Genome Stability via Cooperative as Well as Unique Functions. *Mol Cell* 2013-01-16 [PMID: 23333308] (WB, Human)

Park, S et al. Oxidative stress/damage induces multimerization and interaction of Fanconi anemia proteins. *J Biol Chem*;279(29):30053-9. 2004-07-16 [PMID: 15138265]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-2566

NBL1-10589	FANCG Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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