

Rabbit anti-Human FANCG Polyclonal Antibody | anti-FANCG antibody

FANCG Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286590	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

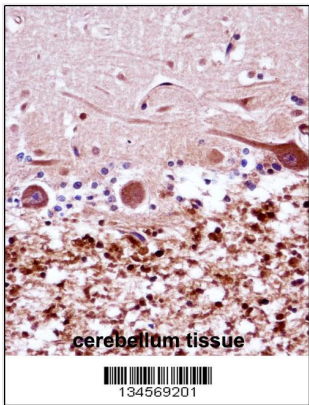
PRODUCT SYNONYMS

FANCG; Polyclonal Antibody; FANCG Antibody (C-term); Fanconi anemia group G protein; Protein FACG; DNA repair protein XRCC9; XRCC9; anti-FANCG antibody

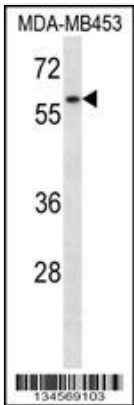
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FANCG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 540-568 amino acids from the C-terminal region of human FANCG.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	540-568
Sequence Length	622
Applicable Applications for anti-FANCG antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
FANCG Antibody (C-term) (AAA286590) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FANCG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FANCG Antibody (C-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the FANCG antibody detected the FANCG protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FANCG antibody	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCL is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group G.
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Wang, C., et al. Biochemistry 49(26):5560-5569(2010) Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press : Lipkin, S.M., et al. Cancer Prev Res (Phila) 3(5):597-603(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759336
NCBI GeneID	2189
NCBI Accession #	NP_004620.1
NCBI GenBank Nucleotide #	NM_004629.1
UniProt Accession #	O15287
Molecular Weight	68554
NCBI Official Full Name	Fanconi anemia group G protein
NCBI Official Synonym Full Names	Fanconi anemia, complementation group G
NCBI Official Symbol	FANCG
NCBI Official Synonym Symbols	FAG; XRCC9
NCBI Protein Information	Fanconi anemia group G protein

UniProt Protein Name	Fanconi anemia group G protein
UniProt Gene Name	FANCG
UniProt Synonym Gene Names	XRCC9; Protein FACG
UniProt Entry Name	FANCG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/fancg-antibody-immunohistochemistry-western-blot-elisa/286590>