

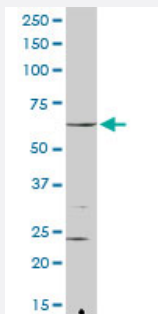
MaxPab®

FANCG MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002189-D01

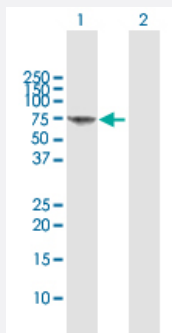
Size 100 uL

Applications



Western Blot (Tissue lysate)

FANCG MaxPab rabbit polyclonal antibody. Western Blot analysis of FANCG expression in human liver.

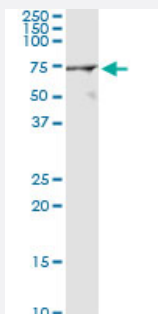


Western Blot (Transfected lysate)

Western Blot analysis of FANCG expression in transfected 293T cell line ([H00002189-T01](#)) by FANCG MaxPab polyclonal antibody.

Lane 1: FANCG transfected lysate(68.60 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of FANCG transfected lysate using anti-FANCG MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with FANCG purified MaxPab mouse polyclonal antibody (B01P) ([H00002189-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FANCG protein.

Immunogen	FANCG (NP_004620.1, 1 a.a. ~ 622 a.a) full-length human protein.
Sequence	MSRQTTSVGSSCLDLWREKNDRLVRQAKVAQNSGLTLRRQQLAQDALEGLRGLLHSLQGLPAA VPVLPLELTVTCNFILRASLAQGFTEDQAQDIQRSLERVLETQEQQGPRLEQGLRELWDSVLRAS CLLPELLSALHRLVGLQAALWLSADRLGDLALLLETNGSQSGASKDLLLLKTSWSPPAEELDAP LTLQDAQGLKDVLLTAFAYRQGLQELITGNPDKALSSLHEAASGLCPRPVLVQVYTALGSCHRKM GNPQRALLYLVAALKEGSAWGPPLLEASRLYQQLGDTTAELESLELLVEALNVPCSSKAPQFLIE VELLLPPPDLASPLHCGTQSQTKHILASRCLQTGRAGDAAEHYLDLLALLLDSSEPRFSPPSPSP GPCMPEVFLEAAVALIQAGRAQDALTLCEELLSRTSSLLPKMSRLWEDARKGTKELPYCPLWVS ATHLLQGQAWVQLGAQKVAISEFSRCLELLFRATPEEKEQGAAFNCEQGCKSDAALQQLRAAAL ISRGLEWVASGQDTKALQDFLLSVQMCPGNRDTYFHLQLTKRLDRRDEATALWWRLEAQTGKS HEDALWSLPLYLESYLSWIRPSDRDAFLEEFRTSLPKSCDL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

FANCG MaxPab rabbit polyclonal antibody. Western Blot analysis of FANCG expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of FANCG expression in transfected 293T cell line ([H00002189-T01](#)) by FANCG MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — FANCG

Entrez GeneID [2189](#)

GeneBank Accession# [NM_004629](#)

Protein Accession# [NP_004620.1](#)

Gene Name FANCG

Gene Alias FAG, XRCC9

Gene Description Fanconi anemia, complementation group G

Omim ID [602956](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCI 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. [provided by RefSeq]

Other Designations

DNA repair protein XRCC9|OTTHUMP00000021319|X-ray repair complementing defective repair in Chinese hamster cells 9|X-ray repair, complementing defective, in Chinese hamster, 9

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- [Ataxia telangiectasia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)

- [Diabetes Mellitus](#)
- [DNA Damage](#)
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- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
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