

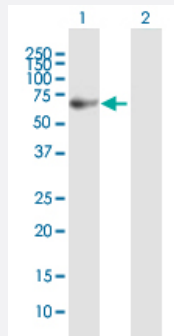
MaxPab®

FANCG purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002189-B01P

Size 50 ug

Applications



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(68.42 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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 VPVLPLELTVTCNFILRASLAQGFTEDQAQDIQSLERVLETQEQQGPRLEQGLRELWDSVLRAS CLLPELLSALHRLVGLQAALWLSADRLGDLALLLETNGSQSGASKDLLLLKTWSPPAEELDAP LTLQDAQGLKDVLLTAFAYRQGLQELITGNPDKALSSLHEAASGLCPRPVLVQVYTALGSCHRKM GNPQRALLYLVAALKEGSAWGPPLEASRLYQQLGDTTAELESLELLVEALNVPCSSKAPQFLIE VELLLPPPDLASPLHCGTQSQTKHILASRCLQTGRAGDAAEHYLDLLALLLDSSEPRFSPPSPSP GPCMPEVFLEAAVALIQAGRAQDALTLCEELLSRTSSLLPKMSRLWEDARKGTKELPYCPLWVS ATHLLQGQAWVQLGAQKVAISEFSRCLELLFRATPEEKEQGAAFNCEQGCKSDAALQQLRAAAL ISRGLEWVASGQDTKALQDFLLSVQMCPGNRDYTFHLLQTLKRLDRRDEATALWWRLEAQTKGS HEDALWSLPLYLESYLSWIRPSDRDAFLEEFRTSLPKSCDL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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

Disease

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- [Ataxia telangiectasia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
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- [DNA Damage](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
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- [Lung Neoplasms](#)
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