

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

FANCG (Phospho-Ser383) Antibody

CATALOG # AAA307507	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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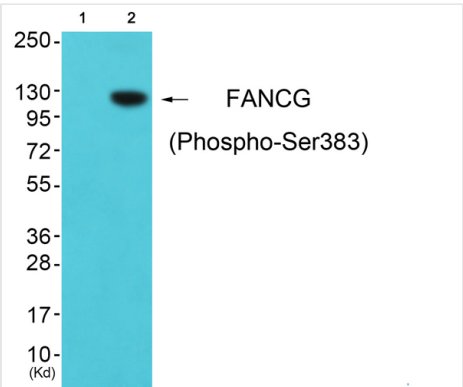
PRODUCT SYNONYMS

FANCG; Polyclonal Antibody; FANCG (Phospho-Ser383) Antibody; Fanconi anemia group G protein; Protein FACG; DNA repair protein XRCC9; anti-FANCG antibody

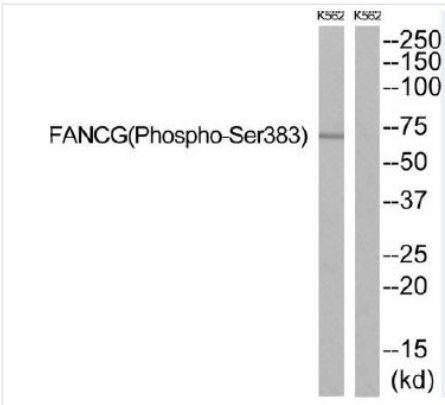
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of FANCG only when phosphorylated at serine 383.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	622
Applicable Applications for anti-FANCG antibody	WB (Western Blot)
Immunogen Description	Peptide sequence around phosphorylation site of serine 383 (R-F-S(p)-P-P) derived from Human FANCG.
Modification	Phospho-Ser383
Target Name	FANCG
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from cos-7 cells (Lane 2), using FANCG (Phospho-Ser383) Antibody. The lane on the left is treated with synthesized peptide



WB (Western Blot)
Western blot analysis of extracts from K562 cells, using FANCG (Phospho-Ser383) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FANCG antibody	DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Candidate tumor suppressor gene.
Product Categories/Family for anti-FANCG antibody	Phospho-specific Ab

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	68,554 Da
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.