

Goat FANCG Polyclonal Antibody | anti-FANCG antibody

Goat Polyclonal to Human FANCG

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50978	Goat	Gibbon, Gorilla, Human, Monkey	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

FANCG; Polyclonal Antibody; Goat Polyclonal to Human FANCG; Anti-FANCG Antibody (C-Terminus) IHC-plus; DNA repair protein XRCC9; Fanconi anemia group G protein; FAG; Protein FACC; XRCC9; Human FANCG; anti-FANCG antibody

PRODUCT SPECIFICATIONS

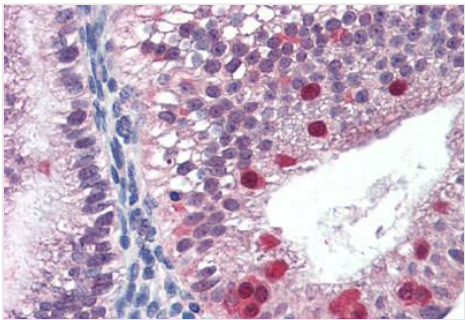
Host	Goat
Reactivity	Gibbon, Gorilla, Human, Monkey
Clonality	Polyclonal
Specificity	Human FANCG.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	622
Applicable Applications for anti-FANCG antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide LEEFRTSLPKSCDL from the C-terminus of human FANCG (NP_004620.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Marmoset, Dog (86%).
Immunogen Type	Synthetic peptide
Immunogen	FANCG antibody was raised against synthetic peptide LEEFRTSLPKSCDL from the C-terminus of human FANCG (NP_004620.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%); Marmoset, Dog (86%).
Antigen Modification	C-Terminus
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



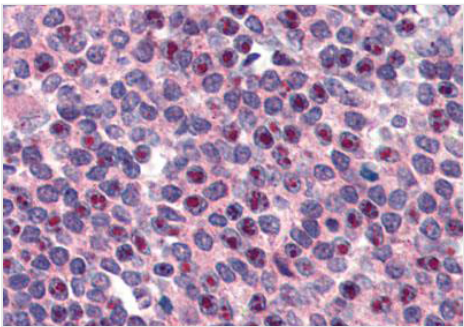
WB (Western Blot)

Antibody (0.5 ug/ml) staining of HeLa cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-FANCG antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3 ug/ml.



IHC (Immunohistochemistry)

Anti-FANCG antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-FANCG antibody

FANCG, involved in Fanconi anemia, confers resistance to both hygromycin and mitomycin C. FANCG contains a 5-prime GC-rich untranslated region characteristic of housekeeping genes. The putative 622-amino acid protein has a leucine-zipper motif at its N-terminus. Fanconi anemia is an autosomal recessive disorder with diverse clinical symptoms, including developmental anomalies, bone marrow failure, and early occurrence of malignancies. A minimum of 8 FA genes have been identified.

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; DNA repair protein XRCC9; X-ray repair, complementing defective, in Chinese hamster, 9; X-ray repair complementing defective repair in Chinese hamster cells 9
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fancg-antibody-western-blot-immunohistochemistry-elisa/50978>