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FANCG Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14683b

Specification

FANCG Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O15287

FANCG Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2189

Other Names
Fanconi anemia group G protein, Protein FACG, DNA repair protein XRCC9, FANCG, XRCC9

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FANCG Antibody (C-term) Blocking Peptide - Protein Information

Name FANCG

Synonyms XRCC9

Function
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.

Cellular Location
Nucleus. Cytoplasm. Note=The major form is nuclear. The minor form is cytoplasmic

Tissue Location
Highly expressed in testis and thymus. Found in lymphoblasts

FANCG Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

FANCG Antibody (C-term) Blocking Peptide - Images

FANCG Antibody (C-term) Blocking Peptide - Background

The Fanconi anemia complementation group (FANC) currentlyincludes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2,FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCMand FANCN (also called PALB2). The previously defined group FANCHis the same as FANCA. Fanconi anemia is a genetically heterogeneousrecessive disorder characterized by cytogenetic instability,hypersensitivity to DNA crosslinking agents, increased chromosomalbreakage, and defective DNA repair. The members of the Fanconianemia complementation group do not share sequence similarity; theyare related by their assembly into a common nuclear proteincomplex. This gene encodes the protein for complementation group G.

FANCG Antibody (C-term) Blocking Peptide - 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)