10320 Camino Santa Fe, Suite G
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FANCA Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18008c

Specification

FANCA Antibody (Center) Blocking Peptide - Product Information

Primary Accession O15360

FANCA Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2175

Other Names
Fanconi anemia group A protein, Protein FACA, FANCA, FAA, FACA, FANCH

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.

FANCA Antibody (Center) Blocking Peptide - Protein Information

Name FANCA

Synonyms FAA, FACA, FANCH

Function
DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability.

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

FANCA Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FANCA Antibody (Center) Blocking Peptide - Images

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FANCA Antibody (Center) 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 A.Alternative splicing results in multiple transcript variantsencoding different isoforms. Mutations in this gene are the mostcommon cause of Fanconi anemia.

FANCA Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press :Eriksson, N., et al. PLoS Genet. 6 (6), E1000993 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)