

FANCA rabbit pAb

Cat No.:ES5194

For research use only

Overview

Product Name FANCA rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human FANCA. AA

range:1121-1170

Specificity FANCA Polyclonal Antibody detects endogenous

levels of FANCA protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Fanconi anemia group A protein

Gene Name FANCA

Cellular localization Nucleus. Cytoplasm. The major form is nuclear. The

minor form is cytoplasmic.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 2175 Human Swiss-Prot Number 015360

Alternative Names FANCA; FAA; FACA; FANCH; Fanconi anemia group A

protein; Protein FACA

Background The Fanconi anemia complementation group (FANC)

currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined



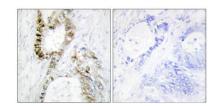
+86-27-59760950 ELKbio@ELKbiotech.com

www.elkbiotech.com



group FANCH 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 A. Alternative splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are the most common cause of Fanconi anemia. [provided by RefSeq, Jul

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using FANCA Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950

