



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	O15360
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, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined





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.

