

For Research Use Only

FANCA Polyclonal antibody

Catalog Number: 11975-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 11975-1-AP	GenBank Accession Number: BC008979	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2175	Recommended Dilutions: WB 1:1000-1:5000 IHC 1:20-1:200
Source: Rabbit	Full Name: Fanconi anemia, complementation group A	
Isotype: IgG	Calculated MW: 163 kDa	
Immunogen Catalog Number: AG2598	Observed MW: 163 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : COLO 320 cells, HeLa cells IHC : human colon cancer tissue,
Cited Applications: IF, IHC, IP, WB	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

FANCA, also named as FAA, FACA and FANCH, is a DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. It's involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability.

Notable Publications

Author	Pubmed ID	Journal	Application
Amanpreet Kaur	33660437	EMBO Mol Med	WB
Xinlin Xu	34117478	Nat Struct Mol Biol	WB
Yu Feng	29621589	Gene	IHC,IF,IP

Storage

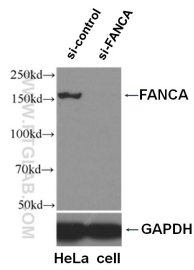
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

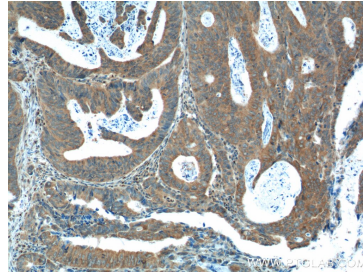
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

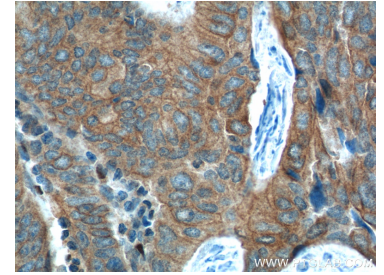
Selected Validation Data



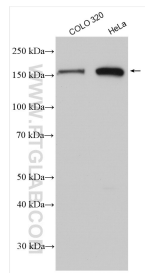
WB results of FANCA (11975-1-AP, 1:500) with si-control and si-FANCA transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11975-1-AP (FANCA Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11975-1-AP (FANCA Antibody) at dilution of 1:100 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 11975-1-AP (FANCA antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.