

For Research Use Only

FANCA-Specific Polyclonal antibody

Catalog Number: 19542-1-AP



Basic Information

Catalog Number: 19542-1-AP	GenBank Accession Number: NM_000135	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2175	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: Fanconi anemia, complementation group A	
Isotype: IgG	Calculated MW: 163 kDa	
	Observed MW: 163 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells
Species Specificity: human	

Background Information

FANCA, also named as FAA, FACA and FANCH, is DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. FANCA may be involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Defects in FANCA are a cause of Fanconi anemia (FA) which is a genetically heterogeneous, autosomal recessive disorder characterized by progressive pancytopenia, a diverse assortment of congenital malformations, and a predisposition to the development of malignancies. The antibody is specific to isoform 1 of FANCA.

Storage

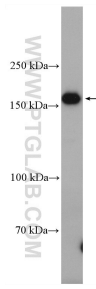
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 19542-1-AP (FANCA-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.